

NPIC/R-874/64

September 1964

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PHOTOGRAPHIC INTERPRETATION REPORT

Copy **162**

60 Pages

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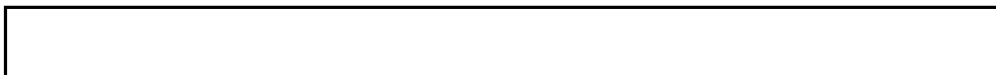
**OAK - PART II**  
**MISSION 1010-2**  
**19-23 SEPTEMBER 1964**



CIA



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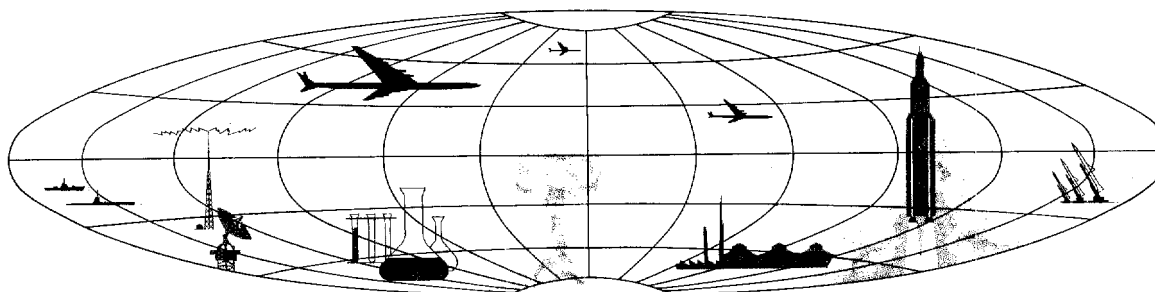


WARNING

Declassification Review  
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GROUP 1  
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downgrading and declassification

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ERRATUM FOR NPIC/R-874/64

In OAK - Part II for Mission 1010-2, September 1964, Page

25X1A 27, under COMOR Target [ ] Lop Nor Area Support Base;

change lines five and six of the airfield description (paragraph

three) to read:

"The two small probable hangars ... (correcting the number of probable hangars).

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## OAK-PART II

### MISSION 1010-2

#### PREFACE

THIS IS THE SECOND AND LAST DAILY OAK REPORT ON MISSION 1010-2 DEALING WITH THE HIGHEST PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 1500 HOURS 29 SEPTEMBER 1964 TO 1500 HOURS 30 SEPTEMBER 1964 PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS OBSERVED ON MISSION 1010-2 ARE LISTED IN THE INDEX OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATION OF TARGETS IN THIS REPORT IS INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMI DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1010-2 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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## **Highlights**

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HIGHLIGHTS

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1. TYURATAM MISSILE TEST CENTER [REDACTED]  
A HIGH LEVEL OF MISSILE ACTIVITY IS INDICATED BY 2 ERECTED MISSILES -- ONE AT LAUNCH COMPLEX E (SITE 6) AND ONE AT LAUNCH COMPLEX H (SITE 8). IN ADDITION, 2 MISSILE GANTRIES ARE ON LAUNCH PADS AT COMPLEX G -- THE FIRST TIME THEY HAVE EVER BEEN OBSERVED IN THIS POSITION. EARLY CONSTRUCTION ACTIVITY NEAR THE END OF THE MAIN ROAD AT COMPLEX J MAY INDICATE THE BEGINNING OF A LAUNCH FACILITY IN THAT COMPLEX.

25X1A

2. OLOVYANNAYA ICBM COMPLEX [REDACTED]  
LAUNCH GROUP D (SITES 4, 5, 7, 8, 9, 10) NOW CONSISTS OF 5 CONFIRMED AND ONE PROBABLE LAUNCH SITES AND A PROBABLE SUPPORT/CONTROL FACILITY.

25X1A

3. ALEYSK ICBM COMPLEX [REDACTED]  
A SIXTH SINGLE SILO LAUNCH AREA UNDER CONSTRUCTION IS IDENTIFIED AFTER FURTHER ANALYSIS.

25X1A

4. PETROVKA SHIPYARD [REDACTED]  
SIX SUBMARINES 3 PROBABLE E-CLASS SSGN AND 3 POSSIBLE W/R-CLASS SS ARE IN THE SHIPYARD.

5. PEIPING SAM SITE (MISSILE BONUS)  
NEW SA-2 SAM SITE IDENTIFIED AT PEIPING.

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[REDACTED]

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25X2

8. GALENKI EARTH SATELLITE TRACKING FACILITY (ELECTRONICS BONUS)  
A PARABOLIC DISH ANTENNA IS CLEARLY VISIBLE ON EACH OF THE  
2 BUILDINGS AT THE NORTHERNMOST STATION. EACH ANTENNA IS 55 FT IN  
DIAMETER.

STATUS OF COMOR TARGET READOUT

A TOTAL OF 95 COMOR TARGETS WAS OBSERVED IN THE OAK REPORTING  
PERIOD AND ARE COVERED IN OAK PARTS I AND II AND ARE LISTED IN THE  
INDEX AT THE CONCLUSION OF THIS REPORT.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY IS PRESENTED IN THE  
FOLLOWING TABLES ON SUCCEEDING PAGES.

TABLE 1 -- SOVIET ICBM DEPLOYMENT  
TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT  
TABLE 3 -- SAM AND AMM DEPLOYMENT  
TABLE 4 -- NUCLEAR ENERGY ACTIVITY  
TABLE 5 -- AIRCRAFT ACTIVITY  
TABLE 6 -- SUBMARINE ACTIVITY  
TABLE 7 -- DATE AND TIME OF PHOTOGRAPHIC PASSES

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Complex	Launch Area														Total Soft Sites	Total Hard Sites	Total Launch Positions	Last Effective Coverage
	A	B	C	D	E	F	G	H	I	J	K	L	M	N				
Aleysk	(M)	(M)	(M)	(M)	(M)	(E)										6	6	
Dombrovskiy	(M)	(M)	(E)	(E)	(E)										3	3	5	
Drovyannaya	(C)	(C)	(C)	(C)	(L)	(M)									2	2	10	
Gladkaya	(C)	(C)		(M)	(E)										3		6	
Itatka	(C)	(C)	(C)													3 (1†)	3 (1†)	
Kartaly	(E)	(E)	(E)						(M)						6	2	18	
Kostroma	(C)	(C)	(C)	(C)	(C)	(L)									3	2	12	
Kozelsk	(C)	(C)		(C)	(C)										3	2	12	
Novosibirsk	(C)	(C)	(L)	(C)	(C)											9	15	
Olovyannaya	(C)	(L)	(L)	(M)												1	3	
Omsk	(C)														5	1	13	
Perm	(C)	(C)	(C)	(C)	(C)	(L)									*11	1	19	
Plesetsk*	(C)	(C)	(C)	(C)	(C)	(C)	(E)	(E)								3	9	
Shadrinsk	(C)	(C)	(L)												7	1	17	
Svobodnyy	(C)	(C)	(C)	(C)	(C)	(C)	(L)	(C)							6		12	
Teykovo	(C)	(C)	(C)	(C)	(C)	(C)									2		4	
Tyumen	(C)		(C)													5	5	
Uzbur	(M)	(M)	(M)	(M)	(M)										7	2	20	
Verkhnyaya Salda	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)						6	3	21	
Yedrovo	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(M)	(C)					6		12	
Yoshkar-Ola	(C)	(C)	(C)	(C)	(C)	(C)									8	3	25	
Yurya	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)	(L)					2	2	
Zhangiz-Tobe	(E)	(E)																
Deployment Total															78	56 (1†)	264 (1†)	
Construction Status (C-complete, L-late, M-mid, E-early)															10	9	35	
Grand Total															88	65 (1†)	299 (1†)	

\*Includes Launch Points I-IV, complete \*\*Carried as Launch Group † Possible  
Includes 35 single silos ( 6- Aleysk, 5-Dombrovskiy, 3-Kartaly, 6-Olovyannaya, 8-Tyuratam MTC, 5-Uzbur, 2-Zhangiztobe)

☐ Newly identified  
☐ Covered by current mission

Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	121	11	18	11	161	633
Caucasus	3		2	3	8	29
Central Asia	2	4	1	5	12	43
Far Eastern	11	1		2	14	54
Totals	137	16	21	21	195	759

Totals do not include 60 fixed field-type sites with total of 223 clearings and one launch facility at Sovetskaya Gavan.

Table 3. SAM and AMM Deployment

	Country														Totals
	USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	North Korea	Indonesia	Egypt	Cuba	India	
SA-0	13														13
SA-1	56														56
SA-2	923	1	18	22	47	16	30	15	3	12	2	4	13*	24**	1131
SA-3	96					1†									97
SAM support facilities	183	1	2	5	4	3	6	4	1	1		3	6		219
Probable AMM complexes	3														3
AMM/SAM complexes	2***														2

\*Does not include 4 alternate sites  
 \*\*Does not include 22 abandoned sites.  
 \*\*\*Includes 1 suspect complex.  
 † Possible

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Table 5. AIRCRAFT ACTIVITY

		Table 5. AIRCRAFT ACTIVITY													Observed this Mission												
Airfield	Last Coverage	Previous Significant Aircraft Count													Observed this Mission												
		BISON	BEAR	BADGER	BLINDER	BOUNDER	MANDRAKE	MALLOW	FIDDLER	FITTER	FISHBED	FISHPOT	FIREBAR/ BREWER	TOTALS	BISON	BEAR	BADGER	BLINDER	BOUNDER	MANDRAKE	MALLOW	FIDDLER	FITTER	FISHBED	FISHPOT	FIREBAR/ BREWER	TOTALS
Akhtabinsk/Vladimirovka		2	25							2†				31													
Belaya			57											57													
Anadyr/Leninika																											
Antsovo Gorodishcho																											
Arkhangolsk/Kholm*														30			48										48
Artem North				30										30													
Baranovich*				22	8									0			6										6
Borzya NW				9																							71
Belaya Tsochov			2	3†	69									74		6	65										52
Bobruysk*					50									50			52										11
Chomovo-Glinskoye					11									11			11										
Bykhov*					58									58													
Chepelovka*			17	17†										34													
Dolon*			27	1†										42													
Donuslav Lako			4B/B						14†					14													
Engels*			34		2									38													
Gomel Pribytki					16	36								52													
Kalinin*					3									3													
Kaliningrad/Provera					9	37								46													
Komsomolsk Plt 128										20†				20													
Kazan A/C Plt 22					7	21								28			7	20									27
Mal Yavr				6†	3†									0													
Melitopol				8									2	10													
Minsk/Machulishcho*									(NO AIRCRAFT)																		
Mirgorod					33									33													
Moscow/Ramenskoye		7	1	23**	7	1			3†				42														
Mozdok*								(NO AIRCRAFT)																			
Nezhin				28									28														
Nikolayev/Kulbakina				40									40														
Oktyabskoye																											
Olenegorsk				10									10														
Orsha Southwest*				35									35														
Ostrov Gorokhovka				30†									30														
Potrapavlovsk/Yelizovo																											
Poltava*				53†									53														
Priluki*				27									27														
Romnenska West				20							4		24														
Ryazan/Dyagilevo		3†	B/B	32	9†								44														
Saki				22	5								27														
Sarabuz				18									18														
Severonorsk				2									2														
Sinoli*			18B/B										18														
Soltsy*				21	2†								23														
Spassk Dalny East				31†									31				11									11	
Stary*				29									29														
Tarta				28†									28														
Ukraina*		42		26									68		1B/B	4										48	
Usuriysk Vozdvizhonka*				16	16†								34		41		56									56	
Zhitomir/Skomoichki*				9									9														
TOTALS	1009-1	83	79	94†	114	1	5	14	3	3†	10	2	1320	41	8	260	20									388	
		55 B/B													10/B												

† POSSIBLE ‡ PROBABLE \*\*BADGER/CAMEL

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Table 6. Submarine Activity.

Base	Last Effective Coverage	Previous Submarine Count											Observed This Mission														
		SSBN, H-class	SSGN, E-class	SSB, G-class	SSB, Z-conversions	SSG, J-class	SSG, W-Longfin	SSB, A-class	SS, F-class	SS, Z-class	SS, R-class	SS, W-class	SS, Unidentified M, S, etc.	USS (SHCH-IV, L-III, etc.)	TOTALS	SSBN, H-class	SSGN, E-class	SSB, G-class	SSB, Z-conversions	SSG, J-class	SSG, W-Longfin	SS, A-class	SS, F-class	SS, Z-class	SS, R-class	SS, W-class	USS (SHCH-IV, L-III, etc.)
Balaklava											5† W/R			5													NC
Dunay		1												1											1† (msi cfig)	1	NC
Gorkiy													2	2													NC
Khronstadt													9 2†	11													NC
Komsomolsk		1†											1†	2													NC
Leningrad													5	5													NC
Liepaya								1† F/Z	5† W/R			5† SHCH-IV	11														NC
Litsa Bay													4	4													NC
Magadan													3†	3													NC
Olenya Guba													3	3													NC
Pechenga												2 W/R	1 4†	7													NC
Petropavlovsk/ Kamchatskiy		1 1†	3				1	11 F/Z	3 W/R	2			22			2†			1†	5† F/Z	3 W/R				4 2†	17	
Petrovka		1										3		4		3†								3† W/R		6	
Polyarnyy													10	10													NC
Riga												† W/R		1													NC
Rosta				5†				3†, 1† F/Z				4† 1†	6	20													NC
Sayda Guba													6	6													NC
Sevastopol					1							9	10													NC	
Severodvinsk			3†				1†	1† F/Z				7 4†	16													NC	
Severomorsk			1†										1													NC	
Sovetskaya Gavan											2W/R 1† W/R		1†	4												NC	
Strelak Strait		1					1 F/Z				1		3		2†									1 Small 1†	4		
Ura Guba											5† W/R	6† 4†	15													NC	
Vladimir												4 2†	6													NC	
Vladivostok			1†			2		2† 1 F/Z				14	5 M-V	25												0	
Yokanga												4†	4													NC	
Paldiski												9† (Q-class)	14 (SHCH-4)	10												CC	
TOTALS		9	10		1	2	2	19 F/Z	2	24 W/R	30	91	12	211	5	2			1	5F/Z		6 W/R	8	1		28	

9Q

9Q  
 \*E-1 Class † POSSIBLE ‡ PROBABLE NC NOT COVERED CC CLOUD COVERED ID IDENTIFICATION ONLY Lu-Ta (China) = 1† "M-V" (not included in total)

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## **Missiles**

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25X1MISSILES

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[ ] TYURATAM MISSILE TEST CENTER UR 4550N 06318E

CENTER IS COVERED BY CLOUD-FREE, GOOD-QUALITY PHOTOGRAPHY. A HIGH LEVEL OF MISSILE ACTIVITY IS INDICATED BY 2 ERECTED MISSILES, ONE AT LAUNCH COMPLEX E (SITE 6) AND ONE AT LAUNCH COMPLEX H (SITE 8). IN ADDITION, 2 MISSILE GANTRIES ARE ON LAUNCH PADS AT COMPLEX G -- THE FIRST TIME THEY HAVE EVER BEEN OBSERVED IN THIS POSITION. EARLY CONSTRUCTION ACTIVITY NEAR THE END OF THE MAIN ROAD AT COMPLEX J MAY INDICATE THE BEGINNING OF A LAUNCH FACILITY IN THAT COMPLEX. CONSTRUCTION CONTINUES AT THOSE COMPLEXES NOT YET COMPLETED.

LAUNCH COMPLEX A (SITES 1 AND 15) -- A LIGHT-TONED LINEAR OBJECT MEASURING APPROXIMATELY [ ] FT IS LOCATED BEHIND PAD A1 (SITE 1) ON ONE OF THE RAIL SPURS. NO OTHER SIGNIFICANT CHANGE IN A2 (SITE 1) OR IN A3 (SITE 15) SINCE MISSION [ ]

25X1D

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LAUNCH COMPLEX B (SITES 2, 16, AND 17) -- AN AREA OF NEW CONSTRUCTION ACTIVITY IS LOCATED APPROXIMATELY 1,000 FT EAST OF PAD B1 (SITE 2) AND WITHIN THE SECURED AREA. (THERE WAS EVIDENCE OF THIS ACTIVITY ON MISSION [ ]) IT CONSISTS OF ONE RECTANGULAR AND 2 SQUARE EXCAVATIONS. DITCHING EXTENDS FROM EACH OF THE SQUARE EXCAVATIONS TO 2 UNIDENTIFIED CIRCULAR OBJECTS ADJACENT TO AND NEAR THE ENDS OF THE RECTANGULAR EXCAVATION. THE CONSTRUCTION PATTERN IS REMINISCENT OF THAT REPORTED ON MISSION [ ] AT LAUNCH AREAS G AND H AT PLESETSK. NO OTHER SIGNIFICANT CHANGE IN LAUNCH AREA B1 AND ITS SUPPORT FACILITY.

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LAUNCH AREA B2 (SITE 16) -- A BUILDING APPROXIMATELY 100 FT LONG IS UNDER CONSTRUCTION NORTH OF THE SILO AND WITHIN THE LOOP ROAD. THE LOOP ROAD HAS BEEN SURFACED. A BUILDING APPROXIMATELY 50-FT LONG HAS BEEN CONSTRUCTED IN AN EXCAVATION ON THE SOUTH SIDE OF THE ACCESS ROAD. A NEW ROAD IS BEING GRADED TO A POINT APPROXIMATELY 470 FT SOUTH OF THE SILO, WHERE IT TERMINATES AT AN UNIDENTIFIED OBJECT.

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LAUNCH AREA B3 (SITE 17) -- A SMALL BUILDING ADJACENT TO THE READY BUILDING HAS BEEN EARTH MOUNDED SINCE MISSION [REDACTED]

25X1D

LAUNCH COMPLEX C (SITE 3) -- A LIGHT-TONED LINEAR OBJECT APPROXIMATELY 100 FT LONG IS ON THE APRON BETWEEN THE ASSEMBLY CHECKOUT BUILDING AND THE READY BUILDINGS. NO OTHER SIGNIFICANT CHANGE SINCE MISSION [REDACTED]

25X1D

LAUNCH COMPLEX D (SITES 4 AND 9) -- AN AREA OF NEW CONSTRUCTION, NOT PRESENT ON MISSION [REDACTED] IS LOCATED APPROXIMATELY 2,400 FT BEHIND D1 (SITE 4). IT CONSISTS OF AN ACCESS ROAD WITH A VEHICLE HARDSTAND AND SEVERAL UNIDENTIFIED OBJECTS NEAR ITS TERMINUS.

25X1D

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TWO ARCH-ROOFED BUILDINGS ARE UNDER CONSTRUCTION IN A SECURED AREA NEAR THE SUPPORT AREA WEST OF COMPLEX D. THESE BUILDINGS ARE SIMILAR TO THE READY BUILDINGS IN THE SECURED AREA AT D2 (SITE 9). FIRST EVIDENCE OF THIS CONSTRUCTION WAS ON MISSION [REDACTED]

25X1D

NO APPARENT CHANGE IN FACILITIES AT D1 SINCE MISSION [REDACTED]

25X1D

ALL THREE SILO DOORS ARE OPEN AT D2. THE SITE DOES NOT HAVE THE CLEAN APPEARANCE OF A COMPLETED LAUNCH AREA. DITCHING AND SMALL EXCAVATIONS IN THE SOUTHERN PART OF THE SECURED AREA INDICATE FURTHER CONSTRUCTION IS IN PROGRESS. THE SECOND READY BUILDING HAS NOT BEEN EARTH MOUNDED. THE ASSOCIATED ELECTRONIC FACILITY APPEARS TO BE COMPLETE.

LAUNCH COMPLEX E (SITE 6) -- A MISSILE IS ERECTED ON PAD E-3. MENSURATION OF AN INDISTINCT SHADOW INDICATES THE MISSILE IS AT LEAST 75 FT IN HEIGHT. THE DIAMETER CANNOT BE DETERMINED. THE LINEAR OBJECT REPORTED ON MISSION [REDACTED] IN FRONT OF THE READY BUILDING ASSOCIATED WITH E1 IS IN THE SAME POSITION. NO CHANGE IN FACILITIES SINCE MISSION [REDACTED]

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25X1

25X1D

LAUNCH COMPLEX F (SITE 5) -- THE RIGHT AND LEFT SILO DOORS ARE OPEN. NO CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

LAUNCH COMPLEX G (SITES 7, 11, 12, 18, AND 19) -- AT LAUNCH AREA G1-G2 (SITE 7), THE GANTRY ASSOCIATED WITH G1 IS IN THE CENTER OF THE PAD. PHOTOGRAPHIC LIMITATIONS PRECLUDE IDENTIFYING A MISSILE WITHIN THE GANTRY. NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

LAUNCH AREA G3-G4 (SITE 11) -- THE GANTRY ASSOCIATED WITH G4 IS IN THE CENTER OF THE PAD. PHOTOGRAPHIC LIMITATIONS PRECLUDE IDENTIFYING A MISSILE WITHIN THE GANTRY, HOWEVER, SHADOW ANALYSIS INDICATES THAT A MISSILE OR MISSILE COMPONENT MAY BE PRESENT. BECAUSE THE POSSIBLE MISSILE SHADOW IS OBLITERATED BY THE GANTRY SHADOW, ONLY INCONCLUSIVE DIMENSIONS CAN BE ESTABLISHED. THE POSSIBLE MISSILE IS AT LEAST 45 FT AND NO GREATER THAN 120 FT IN HEIGHT. THE DIAMETER IS APPROXIMATELY [REDACTED] FT. THE G3 SIDE OF THE LAUNCH AREA DOES NOT APPEAR TO BE COMPLETE.

25X9

LAUNCH AREA G5-G6 (SITE 12), LAUNCH AREA G7 (SITE 18), LAUNCH AREA G8-G9 (SITE 19), THE COMPLEX SUPPORT FACILITY, THE [REDACTED] AND THE REVETTED STORAGE AREA SHOW NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X9

25X1D

LAUNCH COMPLEX H (SITE 8) -- A MISSILE IS ERECTED ON PAD H2. MENSURATION OF THE SHADOW CAST BY THE MISSILE INDICATES THE HEIGHT OF THE MISSILE TO BE APPROXIMATELY 105 FT WITH A DIAMETER OF APPROXIMATELY 15 FT. NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

LAUNCH COMPLEX I (SITE 14) -- THE SILO HAS BEEN BROUGHT UP TO GROUND LEVEL BUT HAS NOT BEEN BACKFILLED. A BUILDING APPROXIMATELY 80 FT LONG HAS BEEN CONSTRUCTED WITHIN THE LOOP ROAD.

25X1D

COMPLEX J -- IN THE FOUR DAYS BETWEEN PHOTOGRAPHIC COVER OF TYURATAM PROVIDED BY MISSIONS [REDACTED] AND [REDACTED] CONSIDERABLE INCREASE IN SCARRING AND TRACK ACTIVITY HAS OCCURRED IN THE AREA LOCATED

25X1D

25X1

25X1

TOP SECRET [REDACTED]  
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25X1

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APPROXIMATELY 3,000 FT NE OF THE END OF THE ROAD.  
AN IRREGULAR EXCAVATION AND NUMEROUS PROBABLE  
VEHICLES ARE DISCERNIBLE IN THE AREA. NO OTHER  
SIGNIFICANT CHANGE IN THE COMPLEX SINCE  
MISSION [REDACTED]

25X1D

LAUNCH COMPLEX K (SITE 13) -- A ROAD HAS BEEN  
CONSTRUCTED WITHIN THE SECURED AREA CONTAINING  
THE ELECTRONIC FACILITY. THE ROAD HAS 2 SHORT  
EXTENSIONS AT RIGHT ANGLES, EACH HAVING WIDE-RADIUS  
TURNS. A STRUCTURE IN AN EXCAVATION HAS BEEN  
CONSTRUCTED SOUTH OF K1. NO OTHER SIGNIFICANT  
CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

25X9

MAIN SUPPORT BASE -- A DITCH EXTENDS FROM THE  
VICINITY OF THE WATER TREATMENT PLANT TO A POINT  
SOUTH OF COMPLEX J. THE DITCH GENERALLY FOLLOWS  
THE ALIGNMENT OF THE MAIN ROAD. FIRST EVIDENCE  
OF THIS DITCH WAS IN MISSION [REDACTED] AT  
WHICH TIME IT EXTENDED FOR A SHORT DISTANCE NORTH  
OF THE WATER TREATMENT PLANT. NO SIGNIFICANT  
CHANGE IN FACILITIES SINCE MISSION [REDACTED]

25X1D

25X1D

(ATTACHMENTS 1-7)

25X1D

25X1

25X1



25X1

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25X1

25X1D

25X1A

OMSK ICBM COMPLEX UR 5503N 07330E

25X1D

COMPLEX COVERED BY GOOD-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES OR NEW CONSTRUCTION OBSERVED SINCE MISSION [REDACTED] AT LAUNCH AREA A (SITE 1). THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT, OR THE UNIDENTIFIED ACTIVITIES NORTH AND SOUTH OF THE TRANSFER POINT. LAUNCH AREA B (SITE 2) IS ABANDONED AND WILL BE DROPPED FROM MISSILE ORDER OF BATTLE.

NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE PORTION OF THE 50-NM RADIUS SEARCH AREA.

25X1D

25X1A

PERM ICBM COMPLEX UR 5742N 05619E

25X9

A LONG NARROW OBJECT/VEHICLE IS IN FRONT OF THE MISSILE-READY BUILDING BEHIND THE LEFT PAD AT LAUNCH AREA A (SITE 1).

THERE IS ALSO A LONG NARROW OBJECT/VEHICLE IN FRONT OF THE MISSILE-READY BUILDING BEHIND THE RIGHT PAD

25X1

25X1

25X1

TOP SECRET

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NPIC/R-874/64

25X1  
25X1

AT LAUNCH AREA D (SITE 6).

NO APPARENT CHANGE IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREAS B (SITE 2), C (SITE 3), OR THE UNIDENTIFIED AREA OF CONSTRUCTION ACTIVITY BETWEEN LAUNCH AREAS D AND F SINCE MISSION [REDACTED] AND NO APPARENT CHANGE IN LAUNCH AREA E (SITE 5) SINCE MISSION [REDACTED]

25X1D

25X1D

NO ABM-RELATED ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF THE COMPLEX.

25X1D

25X1A

[REDACTED] OLOVYANNAYA ICBM COMPLEX UR 5048N 11550E

COMPLEX COVERED BY GOOD-QUALITY, SMALL-SCALE, OBLIQUE, STEREO PHOTOGRAPHY.

NO SIGNIFICANT CHANGES OBSERVED AT THE COMPLEX SUPPORT FACILITY RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREA A (TDI SITE 1) SINCE MISSION [REDACTED] LAUNCH AREAS B (SITE 2) AND C (SITE 3) REMAIN IN A LATE STAGE OF CONSTRUCTION, AND CONSTRUCTION CONTINUES.

25X1D

LAUNCH GROUP D (SITES 4, 5, 7, 8, 9, 10) NOW CONSISTS OF 5 CONFIRMED AND ONE PROBABLE LAUNCH SITES AND A PROBABLE SUPPORT/CONTROL FACILITY.

TWO ADDITIONAL BARRACKS HAVE BEEN ADDED TO THE BARRACKS AREA AND A SHALLOW EXCAVATION IS LOCATED ABOUT 3,000 FT WEST OF IT.

LAUNCH SITE D1 (SITE 4) IS IN MID-STAGE OF CONSTRUCTION AND NOW HAS A SQUARE EXCAVATION WHICH HAS BEEN ADDED SINCE MISSION [REDACTED]

25X1D

PROBABLE LAUNCH SITE D2 (SITE 5) IS IN AN EARLY STAGE OF CONSTRUCTION AND REMAINS UNCHANGED SINCE MISSION [REDACTED]

25X1D

LAUNCH SITES D3, D4, D5, AND D6 (SITES 7-10) ARE IN MID-STAGE OF CONSTRUCTION. EACH CONSISTS OF A

25X1

TOP SECRET [REDACTED]  
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[REDACTED] NPIC/R-874/64

25X1  
25X1

[REDACTED]  
SILO UNDER CONSTRUCTION, SCARRING, AND TRACK ACTIVITY.  
NO OTHER NEW CONSTRUCTION OBSERVED.

NO ABM ACTIVITY IDENTIFIED IN WESTERN TWO-THIRDS OF  
THE 50-NM RADIUS SEARCH AREA. EASTERN ONE-THIRD  
NOT COVERED.

(ATTACHMENTS 8-14)

25X1D

25X1A

[REDACTED] ALEYSK ICBM COMPLEX UR 5229N 08243E

25X1D

CONTINUING ANALYSIS OF ALEYSK ICBM COMPLEX  
(REPORTED IN OAK [REDACTED]) REVEALS A SIXTH  
SINGLE SILO LAUNCH AREA, LAUNCH AREA F, IN AN  
EARLY STAGE OF CONSTRUCTION. IT IS LOCATED 8.8 NM  
NW OF THE COMPLEX SUPPORT FACILITY AT 52-36N  
082-34E.

25X1D

25X1A

[REDACTED] YELSK MRBM LAUNCH SITE 1 UR 5142N 02912E

NO NEW SSM ACTIVITY OBSERVED IN 25-NM RADIUS  
SEARCH AREA.

AREA CANNOT BE NEGATED DUE TO 60 PERCENT CLOUD COVER.

25X1D

25X1A

[REDACTED] BALTA MRBM LAUNCH SITE 1 UR 4801N 02933E

NO ADDITIONAL SSM ACTIVITY OBSERVED IN CLOUD-FREE  
PORTIONS OF 25-NM RADIUS SEARCH AREA.

AREA CANNOT BE NEGATED DUE TO SCATTERED CLOUD COVER.

25X1D

25X1

25X1

25X1

TOP SECRET

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25X1

25X1A

ZHITOMIR MRBM LAUNCH SITE 1 UR 5004N 02816E

NO NEW SSM ACTIVITY OBSERVED IN 25-NM RADIUS SEARCH AREA.

AREA CANNOT BE NEGATED DUE TO 75 PERCENT CLOUD COVER.

25X1D

25X1A

PETROVSKIY IRBM LAUNCH SITE UR 5000N 05658E

THE LAUNCH AREA IS COMPLETE. THE COMPLETED RIM FACILITY CONSISTS OF

25X9

A MISSILE HOLD BUILDING, AND AN ADDITIONAL DRIVE-IN BUILDING. THE SILO COVERS ARE PULLED BACK. THE DUMMY TANKS ARE STILL PRESENT IN THE LAUNCH SITE.

25X9

25X1D

25X1A

BERDICHEV MRBM LAUNCH SITE UR 5005N 02822E

NO NEW SSM ACTIVITY WITHIN 25-NM RADIUS SEARCH AREA.

AREA CANNOT BE NEGATED DUE TO 75 PERCENT CLOUD COVER.

25X1D

25X1A

KARAKHOBDA IRBM LAUNCH SITE UR 4957N 05651E

SITE IS IN EARLY STAGE OF CONSTRUCTION, WITH NO NEW CONSTRUCTION APPARENT SINCE MISSION

25X1D

25X1D

25X1A

RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE UR 5104N 02807E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

ONLY LAUNCH SITE IS VISIBLE.

25X1D

25X1

25X1

25X1

TOP SECRET

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25X1  
25X1

25X1A

EMBA MISSILE-ASSOCIATED INSTALLATION UR 4835N 05804E

ENTIRE INSTALLATION COVERED ON CLEAR PHOTOGRAPHY.

25X1D

THE ONLY APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] IS IN THE OPERATIONAL SUPPORT AREA, WHERE CONSTRUCTION ACTIVITY IS CONTINUING TO THE NORTH AND WEST. POSSIBLE WATER/SEWAGE LINES HAVE BEEN LAID INTO THE AREA TO THE WEST AND NUMEROUS VEHICLES ARE PARKED TO THE NORTH.

25X1A

AT LEAST 45 AIRCRAFT, INCLUDING 11 POSSIBLE FAGOT/FRESCO, 19 POSSIBLE BEAGLES, 9 STRAIGHT-WING, ONE POSSIBLE HOOK, AND 5 UNIDENTIFIED HELICOPTERS, ARE PARKED AT THE AIRFIELD. VEHICLES ARE ALSO VISIBLE IN SUPPORT AREA A, THE PROBABLE LAUNCH AREA, AND THE POSSIBLE NEAR SPACE TRACKING AND TELEMETRY INSTALLATION (COMOR NO. [REDACTED]), BUT QUALITY AND RESOLUTION PRECLUDE COUNT OR IDENTIFICATION.

(ATTACHMENT 15)

25X1D

25X1A

ALEYSK SUSPECT SSM AREA UR 5229N 08247E

NO NEW SSM-RELATED ACTIVITY OBSERVED WITHIN 50-NM RADIUS SEARCH AREA.

25X1D

25X1A

PETROPAVLOVSK-KAMCHATSKIY NV B TARYA BAY UR 5255N 15830E

NO APPARENT CHANGE IN MISSILE STORAGE AND SUPPORT FACILITIES SINCE MISSION [REDACTED]

VESSELS -- AT TARYA BAY -- ONE POSSIBLE N-CLASS SSN, ONE PROBABLE G-CLASS SSB, 5 PROBABLE F/Z-CLASS SS, 3 PROBABLE W/R-CLASS SS, ONE UNIDENTIFIED SS, ONE POSSIBLE SS, 2 PROBABLE DON-CLASS ASL, ONE NEVA-CLASS AS, ONE BOLVA-CLASS APL, ONE DD, AND ONE UNIDENTIFIED SS UNDERWAY.

25X1

25X1

25X1

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25X1  
25X1

AT SELDEVAYA BAY -- ONE PROBABLE G-CLASS SSB IN TRANSPORTER DOCK, ONE UNIDENTIFIED SS IN FLOATING DRY DOCK, ONE UNIDENTIFIED MEDIUM SS, ONE POSSIBLE SS BETWEEN AUXILIARIES, 4 UNIDENTIFIED AUXILIARIES, AND ONE UNIDENTIFIED OBJECT BEING TOWED FROM FLOATING DRY DOCK.

25X1D

25X1A

VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 UR 4306N 13156E

NO MAJOR CHANGES IN FACILITIES SINCE MISSION

25X1D

25X1D

NO CONSTRUCTION, CONVERSION, OR FITTING OUT OF GUIDED-MISSILE SURFACE SHIPS OR SUBMARINES OBSERVED.

NO NEW NAVAL GUIDED MISSILE STORAGE, SUBMARINE BASES, OR NUCLEAR WEAPONS STORAGE FACILITIES OBSERVED WITHIN 50-NM RADIUS SEARCH AREA.

VESSELS IN GOLDEN HORN BAY -- ONE SVERDLOV CL, 5 DD, 2 DE, AT LEAST 21 MERCHANT SHIPS, NUMEROUS MINOR COMBATANTS, AND MISCELLANEOUS CRAFT.

VESSELS IN BUKHTA DIOMID -- 6 MERCHANT SHIPS, ONE FLOATING DOCK, AND NUMEROUS MISCELLANEOUS CRAFT.

VESSELS IN BUKHTA ULIS -- 3 MINOR SURFACE COMBATANTS.

OBLIQUITY AND LOW SUN ANGLE PREVENT GOOD STEREO COVERAGE.

25X1D

25X1A

PETROVKA SHIPYARD UR 4307N 13220E

TWO BUILDINGS HAVE BEEN COMPLETED SINCE MISSION

25X1D

NO NEW SUBMARINE FACILITIES OBSERVED WITHIN 50-NM RADIUS SEARCH AREA.

VESSELS -- 3 PROBABLE E-CLASS SSGN (ONE IN A

25X1

25X1

25X1

TOP SECRET

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25X1

25X1

TRANSPORTER DOCK), 3 POSSIBLE W/R-CLASS SS, ONE  
AUXILIARY, 5 SMALLER UNIDENTIFIED VESSELS, AND A  
FLOATING CRANE. TWO SMALL UNIDENTIFIED VESSELS ARE ON  
SHIPWAYS AND ONE UNIDENTIFIED VESSEL IS IN WETDOCK.

(ATTACHMENT 16)

25X1D

25X1A

STRELOK STRAIT NAVAL BASE ANNA UR 4252N 13232E

NO APPARENT CHANGE TO MISSILE STORAGE FACILITY

25X1D

SINCE MISSION

VESSELS -- 2 PROBABLE E-CLASS SSGN, ONE POSSIBLE  
L-CLASS SS, ONE UNIDENTIFIED SMALL SS, AND 3  
UNIDENTIFIED AUXILIARY.

25X1D

25X1A

BUKHTA ABREK NAVAL MISSILE SUPPORT FAC UR 4255N 13225E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

VESSELS -- ONE SVERDLOV-CLASS CL, 4 DD, AND 5 DE.

25X1D

25X1A

DUNAY PROBABLE NAVAL MISSILE STORAGE UR 4256N 13220E

25X9

25X9

AT RAVINE AREA, THERE ARE 3 DEEP CUTS INTO  
HILLSIDE, ONE OF WHICH CONTAINS A BUILDING. A NEW  
DITCH OR UTILITY SCAR LEADS DOWNHILL FROM HILLSIDE  
STRUCTURE TO MAIN AREA.

VESSELS -- ONE UNIDENTIFIED SS (POSSIBLY MISSILE-  
CONFIGURED), ONE AUXILIARY, 5 MINOR AUXILIARIES,  
AND NUMEROUS SMALL CRAFT.

25X9

25X1

25X1

25X1

TOP SECRET

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25X1  
25X1

SEARCH AREA AND NO NEW SUBMARINE BASES WITHIN 50-NM  
SEARCH AREA.

25X1D

25X1A

ANTIPINSKOYE SAM ACTIVITY UR 5254N 11332E

PRELIMINARY EARTH WORK FOR A PAIR OF MIRRORED  
RING ROADS APPEARS TO HAVE BEEN COMPLETED AT THE  
SOUTHERNMOST CLEARED AREA SINCE MISSION  
THESE RINGS APPEAR TO BE SIMILAR TO THE RING  
ROADS AT THE MIRRORED LAUNCH SITE IMMEDIATELY TO  
THE NORTH.

25X1D

THE MIRRORED LAUNCH SITES, THE NORTHERNMOST CLEARED  
AREA, AND THE SUPPORT FACILITY SHOW NO APPARENT  
CHANGE SINCE MISSION

25X1D

25X1D

25X1A

ANGARSK AREA SUSPECT AMM ACTIVITY UR 5253N 10315E

CONSTRUCTION IS CONTINUING ON THE FOUR DUAL HEN  
HOUSE-TYPE STRUCTURES. THE PROBABLE CENTRAL CONTROL  
BUILDING AT AREA A APPEARS TO BE EXTERNALLY COMPLETE,  
AND THE 2 LINEAR BUILDINGS ARE ROOFED.  
POSSIBLE COVERING OVER THE ANTENNA FACE ON THE NORTH  
LINEAR BUILDING IS GRAY IN TONE AND VARIES FROM  
GRAY TO BLACK IN TONE ON THE SOUTH LINEAR BUILDING.  
THE PROBABLE CENTRAL CONTROL BUILDING AT AREA B  
APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION WITH  
ONLY A SMALL PORTION OF THE LARGE CENTRAL SECTION  
NEEDED TO COMPLETE THE ENCLOSURE. THE 2 LINEAR  
STRUCTURES CONSIST OF 2 EXCAVATIONS, EACH CONTAINING 4  
ROWS OF POSSIBLE FOOTINGS -- INDICATING NO  
APPARENT CHANGE SINCE MISSION  
THE 3  
WINGS OF THE PROBABLE CENTRAL CONTROL BUILDING AT  
AREA C APPEAR TO BE IN A LATE STAGE OF CONSTRUCTION,  
WITH NO APPARENT PROGRESS ON THE LARGE CENTRAL  
PORTION OF THE BUILDING. POSSIBLE FOOTING OR  
FOUNDATION WORK IS IN PROGRESS IN THE LINEAR  
EXCAVATIONS. POSSIBLE EXCAVATION ACTIVITY FOR THE  
LINEAR STRUCTURES APPEARS TO BE IN PROGRESS AT AREA D.  
AN OPEN TRENCH CONNECTS THE PROBABLE CENTRAL CONTROL

25X1D

25X1

25X1



25X1

TOP SECRET

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25X1

BUILDINGS OF AREAS A AND D, AND A SECOND TRENCH  
CONNECTS THE PROBABLE CENTRAL CONTROL BUILDINGS OF  
AREAS B AND C. IN ADDITION, A TRENCH LEADS TO A NEW  
UNIDENTIFIED AREA LOCATED OUTSIDE THE CORNER OF THE  
SECURED OPERATIONS AREA.

25X1D NO SIGNIFICANT CHANGE IN THE SUPPORT FACILITIES  
SINCE MISSION

(ATTACHMENT 17)

25X1D

BONUS PEIPING SAM SITE CH 3935N 11645E

NEWLY IDENTIFIED STAR-CONFIGURATION SA-2 SAM SITE  
UNDER CONSTRUCTION 26.5 NM SE OF PEIPING AT  
39-35-10N 116-45-50E.

25X1D

25X1

25X1

## **Nuclear Energy**

25X2

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**Naval  
Activity/  
Ports**

25X1

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25X1  
25X1

NAVAL ACTIVITY/PORTS

25X1A

SHANG-HAI NAVAL BASE & SHIPYARD KIANGNAN CH 3114N 12128E

NO APPARENT CHANGE IN FACILITIES SINCE

VESSELS -- 3 MERCHANT VESSELS AND AT LEAST 4  
UNIDENTIFIED VESSELS IN DRY DOCK.

25X1D

25X1D

25X1A

LU-SHUN-KOU SUBMARINE BASE CH 3847N 12114E

IDENTIFICATION ONLY.

25X1D

25X1A

SHANG-HAI NAVAL BASE WU-SUNG CH 3123N 12130E

NO APPARENT CHANGE TO VISIBLE FACILITIES SINCE

PIER ACROSS RIVER IS CLOUD COVERED.

VESSELS -- ONE SMALL CRAFT.

25X1D

25X1A

NAKHODKA SUBMARINE BASE UR 4248N 13254E

PRIMARILY A COMMERCIAL PORT. SUBMARINE BASE AREA  
APPARENTLY ABANDONED. T-HEAD PIER REMAINS,  
BUT THE 3 QUAYS FOR SUBMARINE BERTHING VISIBLE ON  
MISSION ARE NOW ABANDONED AND  
EXTENSIVE LAND RECLAMATION IS EVIDENT TO A POINT  
APPROXIMATELY ONE NM NE WHERE A NEW WHARF IS NEARING  
COMPLETION.

25X1D

VESSELS -- NO MAJOR NAVAL VESSELS. TWENTY LARGE  
MERCHANT VESSELS.

25X1D

25X1

25X1

25X1

TOP SECRET

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25X1

25X1

25X1A

SHANG-HAI PORT FACILITIES SOUTH CH 3113N 12130E

NO APPARENT CHANGE TO FACILITIES SINCE

25X1D

VESSELS -- NO MAJOR NAVAL OR MERCHANT VESSELS  
OBSERVED.

25X1D

25X1A

SHANG-HAI PORT FACILITIES PU-TUNG CH 3114N 12131E

NO APPARENT CHANGE TO FACILITIES SINCE

25X1D

VESSELS -- NO MAJOR NAVAL VESSELS. THIRTEEN  
MERCHANT VESSELS AND NUMEROUS SMALL CRAFT.

25X1D

25X1A

SHANG-HAI PORT FACILITIES CENTRAL CH 3118N 12133E

AREA OBSERVED, INCLUDING THE HUANG-PU CHIANG  
(RIVER) BETWEEN SHANG-HAI THERMAL POWER PLANT CHAPEI  
ON NORTH AND SHANG-HAI NAVAL BASE AND SHIPYARD  
HU-TUNG ON SOUTH, IS 30 PERCENT CLOUD COVERED.

NO APPARENT CHANGE TO FACILITIES SINCE  
IN CLEAR AREAS.

25X1D

VESSELS -- NO MAJOR NAVAL VESSELS. THREE MERCHANT  
VESSELS AND NUMEROUS SMALL CRAFT.

TARGET AREA 30 PERCENT CLOUD COVERED.

25X1D

25X1A

LU-TA PORT FACILITIES CH 3855N 12139E

NO APPARENT CHANGE IN MAJOR FACILITIES SINCE

25X1D

NO SMOKE OR STEAM OBSERVED AT OIL REFINERY. ONLY  
OIL TANKER IN PORT IS COASTAL TANKER AT LONG OIL  
PIER ON NORTH SIDE OF HARBOR.

25X1

25X1

25X1

TOP SECRET

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25X1  
25X1

VESSELS -- 2 PATROL CRAFT, ONE POSSIBLE M-V-CLASS SS,  
16 LARGE DRY CARGO, 6 SMALL DRY CARGO, ONE SMALL  
COASTAL TANKER, AND NUMEROUS SMALL CRAFT.

25X1D

25X1

25X1

**Electronics/  
Communications**



25X1

TOP SECRET [REDACTED]  
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25X1

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NPIC/R-874/64

ELECTRONICS/COMMUNICATIONS

25X1A

[REDACTED] EMBA MISSILE TRACKING FACILITY UR 4836N 05809E

25X1D

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED]  
 [REDACTED] NUMEROUS VEHICLES IN AREA BUT SCALE AND  
 PHOTOGRAPHY IMAGE QUALITY PRECLUDE COUNT OR  
 IDENTIFICATION.

25X1D

BONUS GALENKI EARTH SATELLITE TRACKING FACILITY UR 4401N 13145E  
 ONE NM SOUTH OF THE TOWN GALENKI AT 44-01-20N  
 131-45-40E.

25X1D

MISSION [REDACTED] PROVIDES GOOD COVERAGE OF 2 TRACKING  
 STATIONS AT GALENKI. THE NORTHERNMOST STATION  
 CONTAINS 2 CONTROL-TYPE BUILDINGS 95 X 100 FT AND  
 HAS 2 PARABOLIC DISH ANTENNAS, ONE MOUNTED AT  
 THE CENTER OF EACH OF THE 2 CONTROL-TYPE BUILDINGS.  
 THE DISHES ARE 55 FT IN DIAMETER AND HAVE AN  
 APPROXIMATE MAXIMUM HEIGHT (TOP OF ANTENNA DISH  
 TO GROUND) OF [REDACTED]

25X1D

THE SOUTHERNMOST STATION  
 HAS 2 CONTROL-TYPE BUILDINGS WHICH MEASURE 60 X 80  
 FT. THE NORTHERNMOST BUILDING HAS AN ENVIRONMENTAL  
 DOME 60 FT IN DIAMETER CENTERED ON THE ROOF. THE  
 SECOND BUILDING, LOCATED TO THE SOUTH, APPEARS TO  
 HAVE A PEDESTAL-TYPE STRUCTURE WITH A MINIMUM  
 HEIGHT OF 35 FT ABOVE THE ROOF TOP LOCATED AT THE  
 CENTER OF THE ROOF. THE CONTROL-TYPE BUILDINGS AT  
 THE SOUTHERNMOST STATION ARE 495 FT APART CENTER TO  
 CENTER. AT THE NORTHERNMOST STATION THE  
 SEPARATION BETWEEN BUILDING CENTERS IS 660 FT.

(ATTACHMENT 19)

25X1D

35  
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TOP SECRET

25X1

25X1

**Military  
Activity**

25X1

TOP SECRET [REDACTED]  
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25X1  
25X1

NPIC/R-874/64

25X1A

MILITARY ACTIVITY

[REDACTED] MI-SHAN, MILITARY AREA CH 4532N 13152E

AREAS NORTH, NW, AND SW OF MI-SHAN DO NOT NOW  
APPEAR TO BE MILITARY.

25X1D

[REDACTED]

36  
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TOP SECRET [REDACTED]

25X1  
25X1

## **Complexes**

25X1

TOP SECRET

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NPIC/R-874/64

25X1  
25X1

25X1A

COMPLEXES

PEIPING COMPLEX CH 3955N 11623E

INDUSTRIES APPEAR ACTIVE. THREE STACKS EMITTING  
SMOKE OBSERVED IN THE EAST INDUSTRIAL AREA AND ONE  
AT THE PEIPING THERMAL POWER PLANT. NUMBER AND  
TYPE OF RAIL CARS CANNOT BE DETERMINED.

25X1D

25X1

25X1

**Other  
Activity**

25X1D

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## **Index**



25X1

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25X1

25X1

NPIC/R-874/64

INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST BY TARGET NUMBER OF ALL COMOR TARGETS OBSERVED DURING THE SCAN OF MISSION 1010-2. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 1010-2 IN WHICH THE TARGET WAS REPORTED.

COMOR

INSTALLATION NAME

CTY COORDINATES OAK

YURYA ICBM COMPLEX	UR 5903N 04919E	I
VERKHNYAYA SALDA ICBM COMPLEX	UR 5802N 06023E	I
TYURATAM MISSILE TEST CENTER	UR 4550N 06318E	II
YOSHKAR-OLA ICBM COMPLEX	UR 5634N 04803E	I
SVOBODNY ICBM COMPLEX	UR 5146N 12807E	I
DROVYANAYA ICBM COMPLEX	UR 5132N 11301E	I
OMSK ICBM COMPLEX	UR 5503N 07330E	II
PERM ICBM COMPLEX	UR 5742N 05619E	II
OLOVYANNAYA ICBM COMPLEX	UR 5048N 11550E	II
DOMBAROVSKIY ICBM COMPLEX	UR 5102N 05949E	I
ALEYSK ICBM COMPLEX	UR 5229N 08243E	I
ALEYSK ICBM COMPLEX	UR 5229N 08243E	II
YELSK MRBM LAUNCH SITE 1	UR 5142N 02912E	II
BALTA MRBM LAUNCH SITE 1	UR 4801N 02933E	II
GRESK MRBM LAUNCH SITE 1	UR 5314N 02742E	I
ZHITOMIR MRBM LAUNCH SITE 1	UR 5004N 02816E	II
PETROVSKIY IRBM LAUNCH SITE	UR 5000N 05658E	II
BERDICHEV MRBM LAUNCH SITE	UR 5005N 02822E	II
URECHYE MRBM LAUNCH SITE	UR 5311N 02758E	I
KARAKHOBDA IRBM LAUNCH SITE	UR 4957N 05651E	II
RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5104N 02807E	II
JABAL HAMZI SSM TEST/LAUNCH FACILITY	EG 3007N 03037E	I
NOVOSYSOYEVKA IRBM LAUNCH SITE 2	UR 4407N 13327E	I
NOVOSYSOYEVKA IRBM LAUNCH SITE 3	UR 4407N 13325E	I
POSTAVY MRBM LAUNCH SITE 2	UR 5506N 02700E	I
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR 4602N 07334E	I
EMBA MISSILE-ASSOCIATED INSTALLATION	UR 4835N 05804E	II
DZUNGARIAN SUSPECT MISSILE SUPPORT AREA	CH 4615N 08710E	I
OMSK RKT ENG TEST FAC GORNAYA BITIYA	UR 5525N 07317E	I
ARSENIEV AIRCRAFT PLANT 116	UR 4409N 13315E	I
PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN	CH 3950N 11608E	I
PERM ROCKET ENGINE TEST FACILITY	UR 5801N 05634E	I
STERLITAMAK STATIC TEST FACILITY	UR 5341N 05558E	I
UFA STATIC TEST FACILITY	UR 5459N 05604E	I
CHI-LIN SUSPECT MISSILE PROD AND R & D	CH 4356N 12634E	I

TOP SECRET

25X1

25X1

25X1

25X1  
25X1TOP SECRET  
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25X1A

ALEYSK SUSPECT SSM AREA  
 PETROPAVLOVSK-KAMCHATSKIY NV B TARYA BAY  
 VLADIVOSTOK NAVAL BASE AND SHIPYARD 202  
 PETROVKA SHIPYARD  
 STRELOK STRAIT NAVAL BASE ANNA  
 BUKHTA ABREK NAVAL MISSILE SUPPORT FAC  
 DUNAY PROBABLE NAVAL MISSILE STORAGE  
 ANTIPINSKOYE SAM ACTIVITY  
 BRATSK SUSPECT ABM AREA  
 ANGARSK AREA SUSPECT AMM ACTIVITY  
 DUMYAT SUSPECT SAM AREA  
 UKRAINA AIRFIELD  
 BORZYA AIRFIELD NORTHWEST  
 MINSK/MACHULISHCHE AIRFIELD  
 CHERVONO-GLINSKOYE AIRFIELD  
 SPASSK-DALNIY AIRFIELD EAST  
 BELAYA TSEKOV AIRFIELD  
 ZHITOMIR/SKOMOROKHI AIRFIELD  
 BOBRUYSK AIRFIELD  
 USSURIYSK/VOZDVIZHENKA AIRFIELD  
 KHOROL AIRFIELD EAST  
 ARTEM AIRFIELD NORTH  
 KAZAN AIRFRAME PLANT GORBUNOV 22  
 MIRAN AIRFIELD

UR 5229N 08247E II  
 UR 5255N 15830E II  
 UR 4306N 13156E II  
 UR 4307N 13220E II  
 UR 4252N 13232E II  
 UR 4255N 13225E II  
 UR 4256N 13220E II  
 UR 5254N 11332E II  
 UR 5654N 10030E I  
 UR 5253N 10315E II  
 EG 3125N 03148E I  
 UR 5110N 12826E I  
 UR 5024N 11623E I  
 UR 5347N 02734E I  
 UR 4557N 02923E I  
 UR 4437N 13253E I  
 UR 4947N 03001E I  
 UR 5010N 02844E I  
 UR 5306N 02912E I  
 UR 4355N 13156E I  
 UR 4427N 13208E I  
 UR 4323N 13209E I  
 UR 5552N 04907E I  
 CH 3917N 08845E I

25X2

25X2

CHAN-CHIANG NAVAL BASE  
 SHANG-HAI NAVAL BASE & SHIPYARD KIANGNAN  
 HSIA-MEN NAVAL BASE & PORT FACILITIES  
 LU-SHUN-KOU SUBMARINE BASE  
 SHANG-HAI NAVAL BASE WU-SUNG  
 NAKHODKA SUBMARINE BASE  
 NAO-CHOU TAO SUSPECT SUBMARINE BASE

CH 2112N 11025E I  
 CH 3114N 12128E II  
 CH 2427N 11805E I  
 CH 3847N 12114E II  
 CH 3123N 12130E II  
 UR 4248N 13254E II  
 CH 2055N 11035E I

25X1

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25X1

25X1

TOP SECRET

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25X1

25X1

25X1A

CHING-LAN CHIANG NAVAL BASE	CH 1932N 11049E	I
CHIN-HUANG-TAO PORT FACILITIES	CH 3954N 11936E	I
SHANG-HAI PORT FACILITIES SOUTH	CH 3113N 12130E	II
SHANG-HAI PORT FACILITIES PU-TUNG	CH 3114N 12131E	II
SHANG-HAI PORT FACILITIES CENTRAL	CH 3118N 12133E	II
LU-TA PORT FACILITIES	CH 3855N 12139E	II

LAPICHI HF RDO RELAY & MF BROADCAST STN	UR 5325N 02831E	I
EMBA MISSILE TRACKING FACILITY	UR 4836N 05809E	II
MING-SHUI POSS MISSILE TRACKING STATION	CH 4155N 09620E	I
MI-SHAN MILITARY AREA	CH 4532N 13152E	II
SHAN-SHEN-FU ARMY BARRACKS SOUTHEAST	CH 5010N 12712E	I
PEIPING COMPLEX	CH 3955N 11623E	II
PAO-TOU COMPLEX	CH 4036N 11001E	I

25X2

25X1D

25X1

25X1

## **Attachments**

25X1



LAUNCH COMPLEX B, TYURATAM MISSILE TEST CENTER, USSR

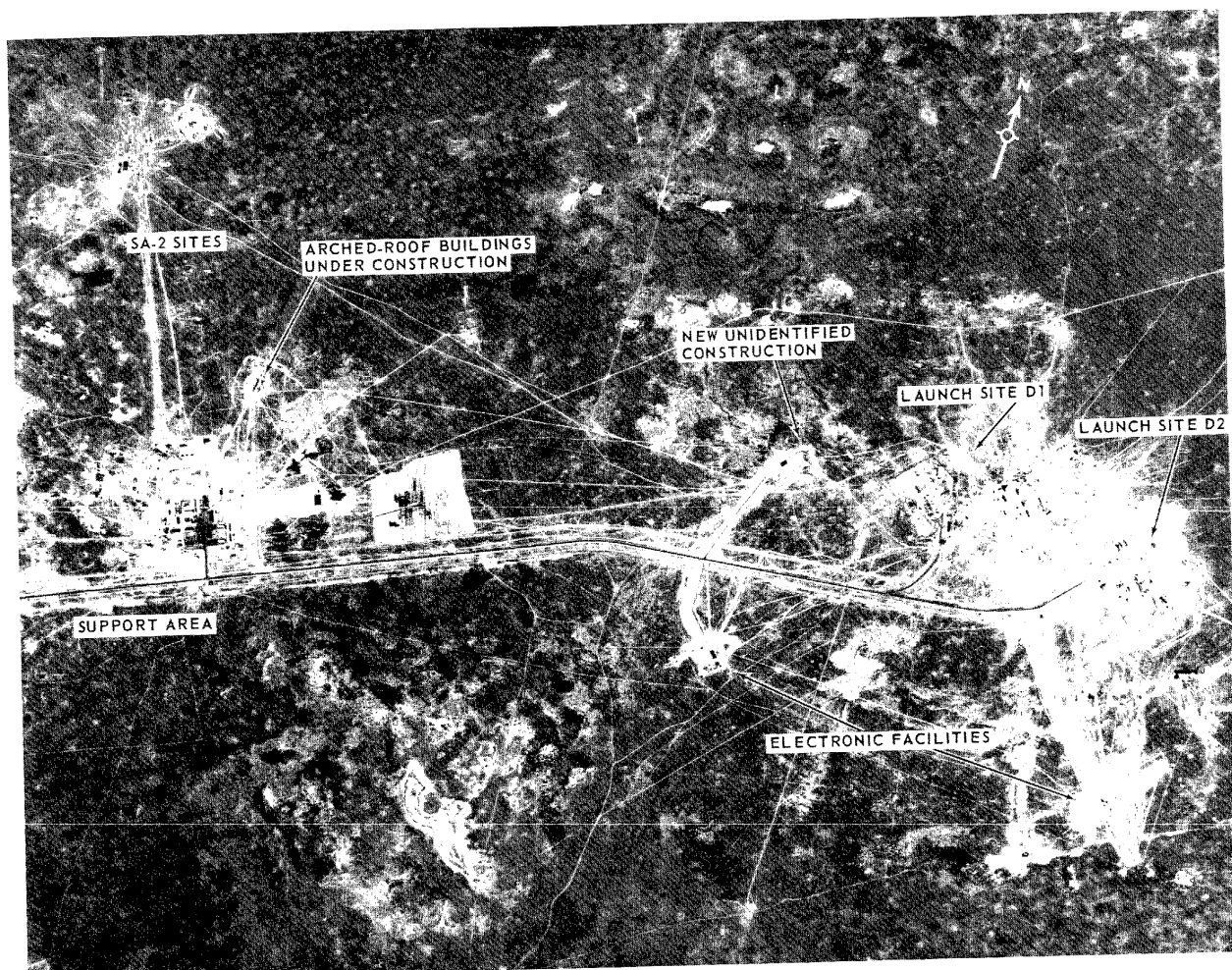
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MISSION 1010-2, 19-23 SEPTEMBER 1964

25X1

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ATTACHMENT 1

25X1



LAUNCH COMPLEX D, TYURATAM MISSILE TEST CENTER, USSR

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MISSION 1010-2, 19-23 SEPTEMBER 1964

25X1

25X1

NPIC R-874/64  
ATTACHMENT 2

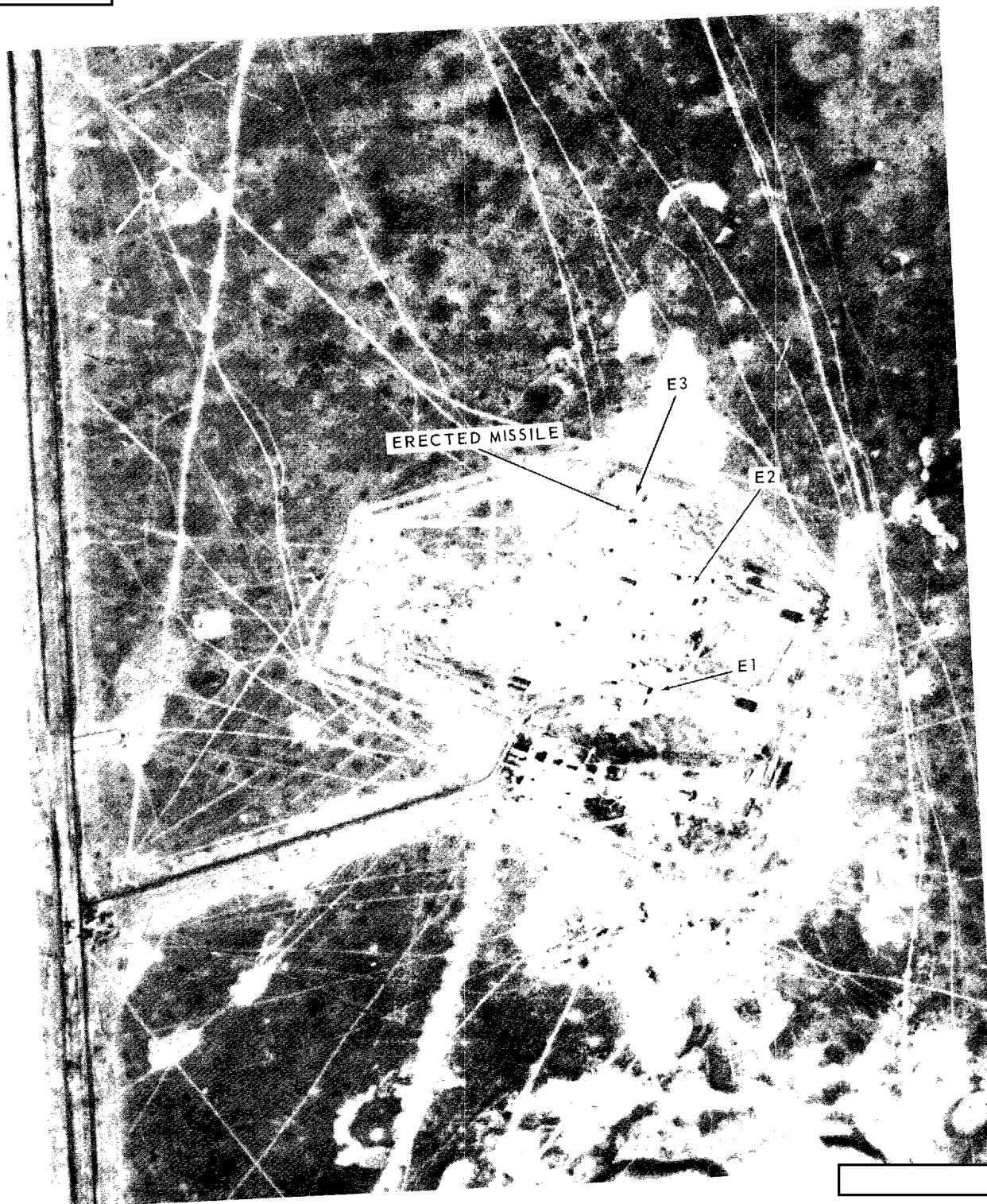
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ATTACHMENT 3

25X1



LAUNCH COMPLEX E, TYURATAM MISSILE TEST CENTER, USSR

25X1

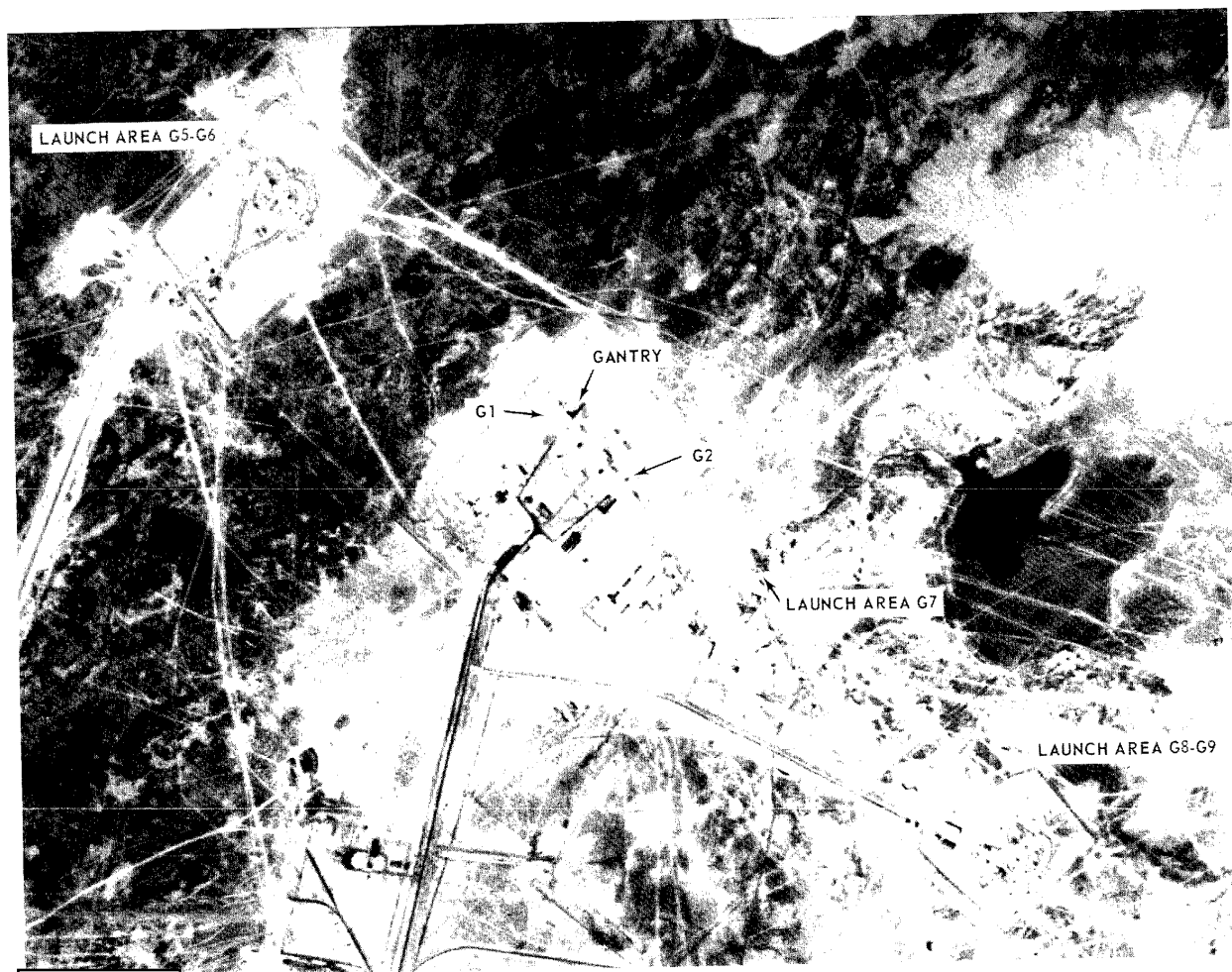
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25X1

25X1



LAUNCH AREA G1-G2, TYURATAM MISSILE TEST CENTER, USSR

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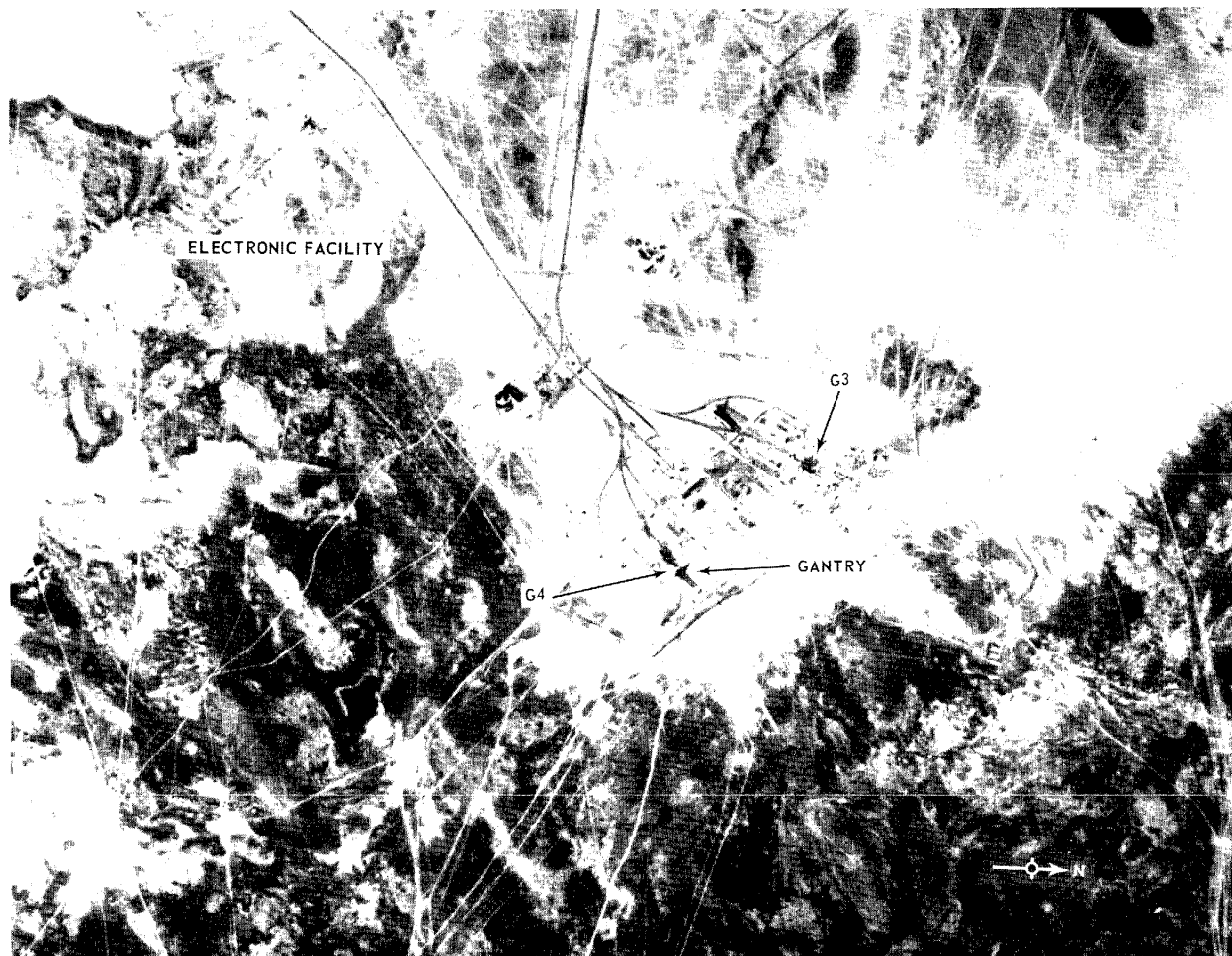
MISSION 1010-2, 19-23 SEPTEMBER 1964

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NPIC/R-874/64  
ATTACHMENT 4



25X1



LAUNCH AREA G3-G4, TYURATAM MISSILE TEST CENTER, USSR

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MISSION 1010-2, 19-23 SEPTEMBER 1964

25X1

25X1

NPIC/R-874/64  
ATTACHMENT 5

25X1

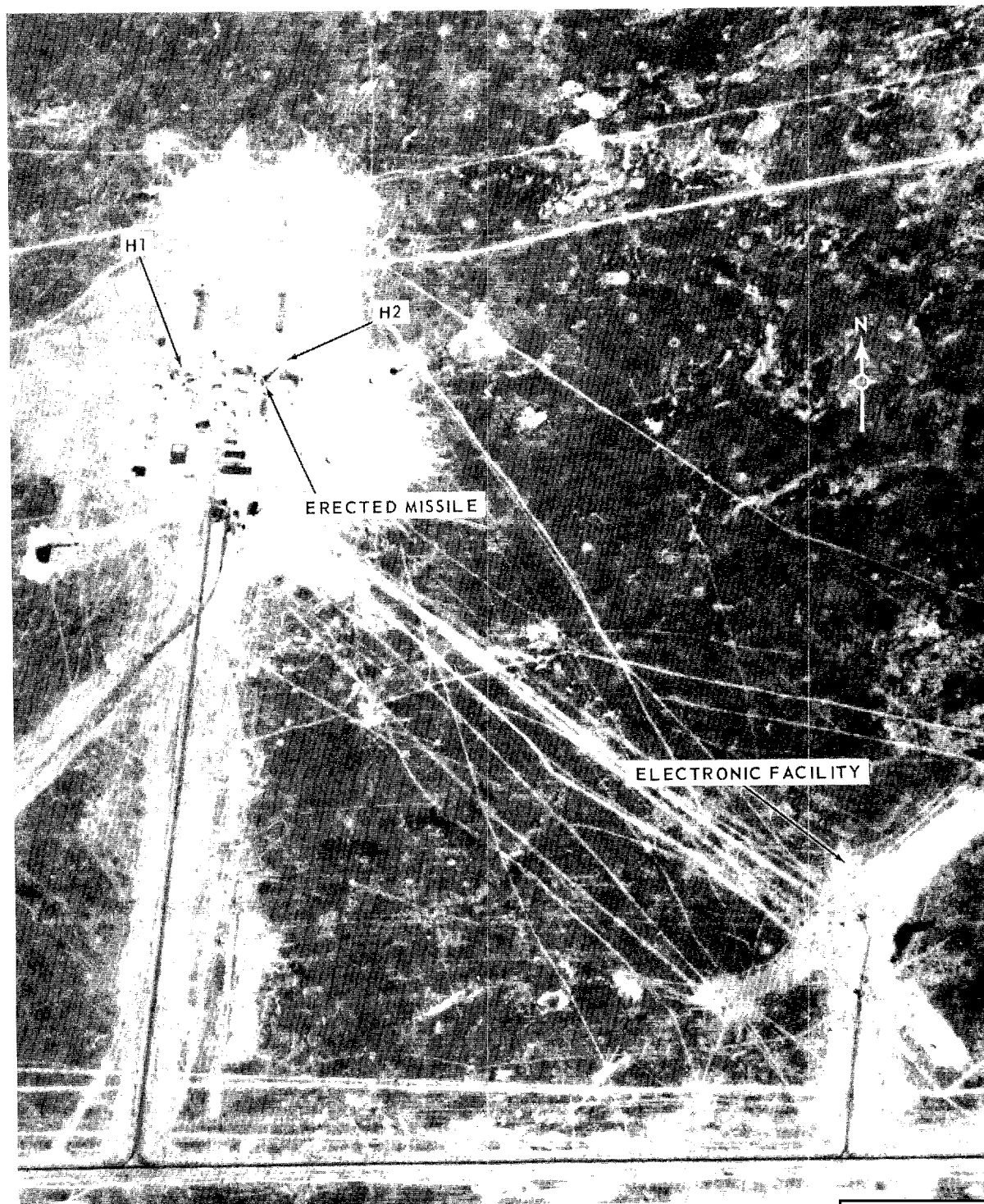
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NPIC R-874 64

ATTACHMENT 6

25X1  
25X1



LAUNCH COMPLEX H, TYURATAM MISSILE TEST CENTER, USSR

25X1

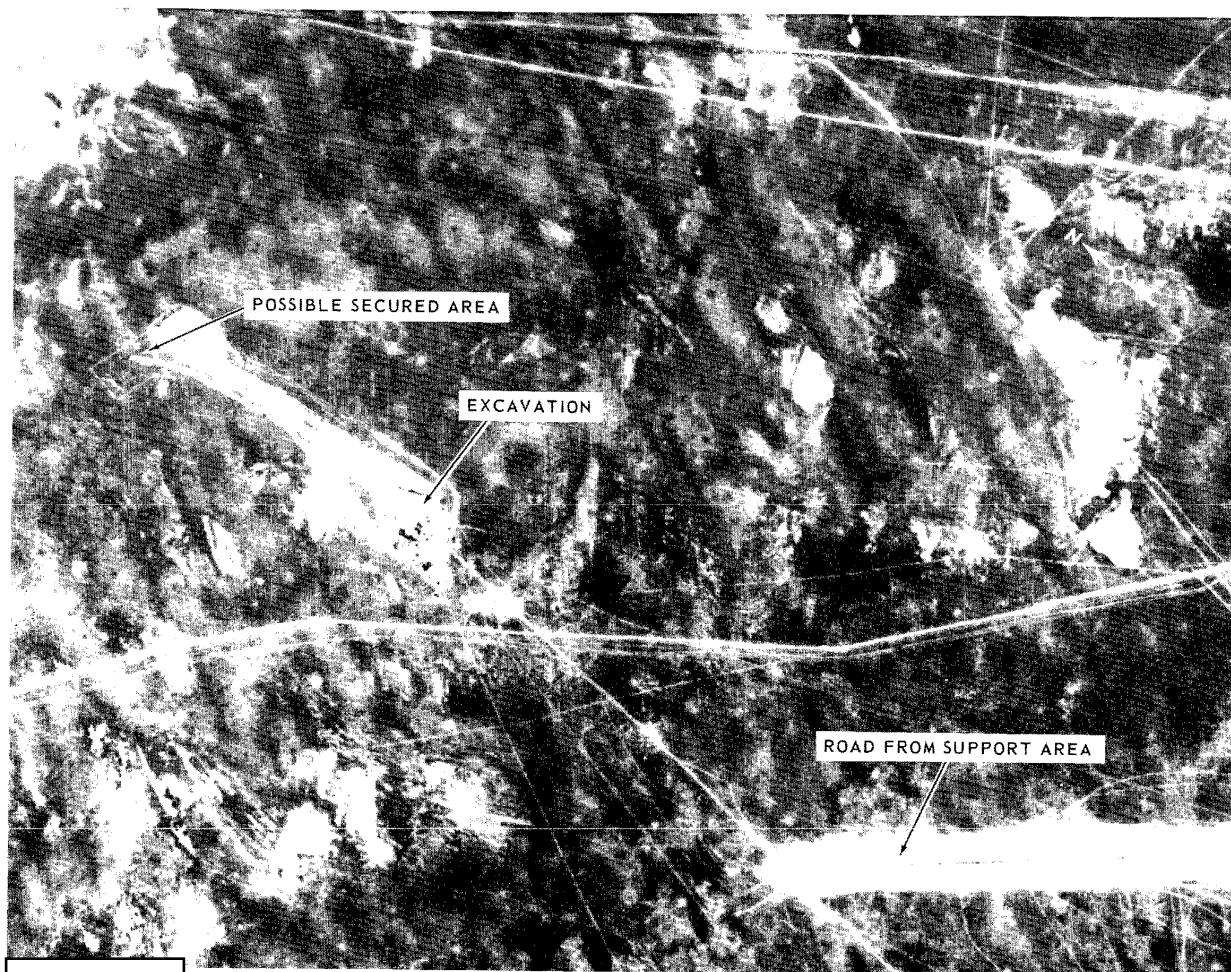
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TOP SECRET

25X1

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25X1



COMPLEX J, TYURATAM MISSILE TEST CENTER, USSR

TOP SECRET  
MISSION 1010-2, 19-23 SEPTEMBER 1964

25X1

25X1

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ATTACHMENT 7



25X1

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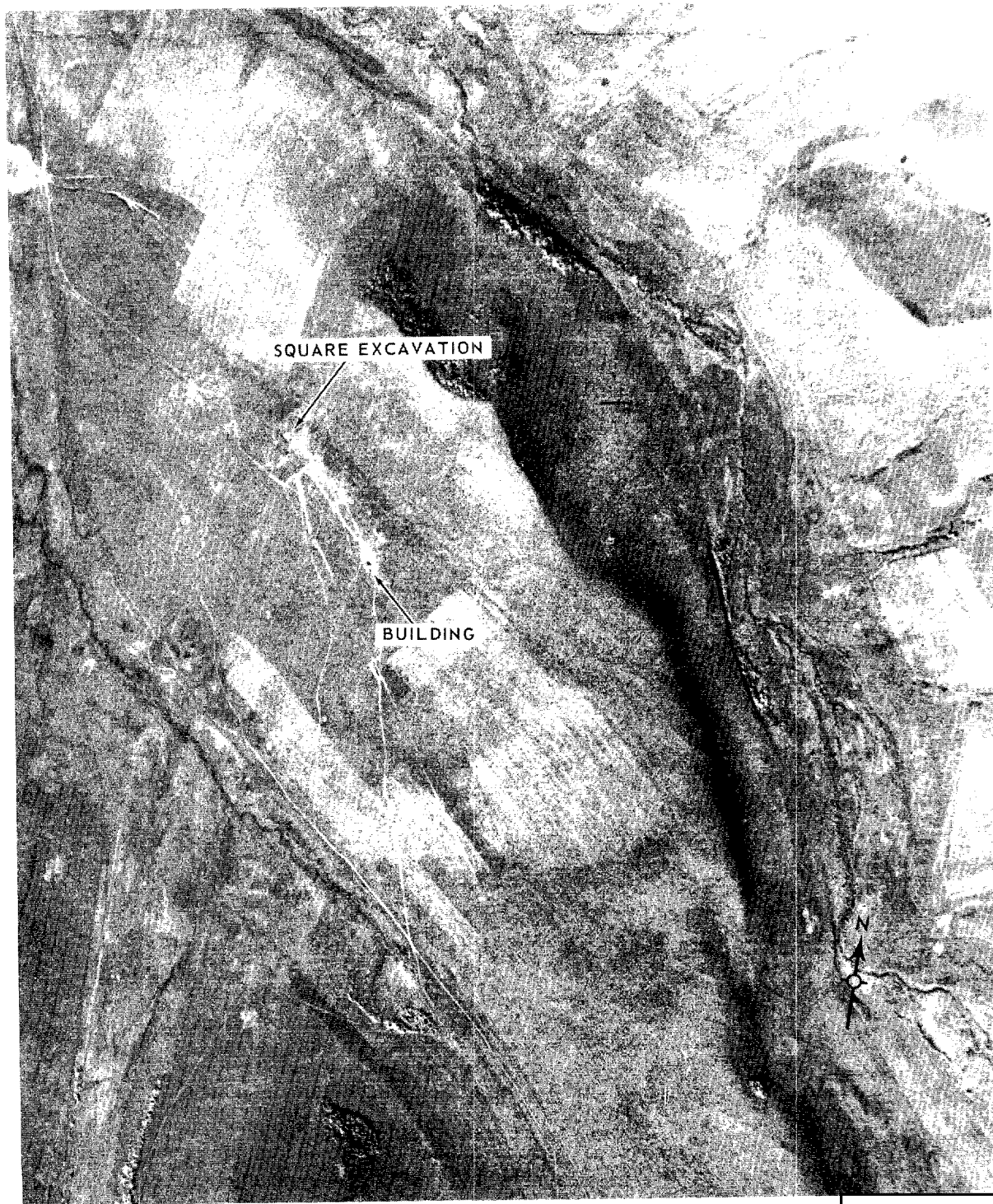
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ATTACHMENT 8

25X1  
25X1



LAUNCH SITE D 1, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

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25X1

TOP SECRET

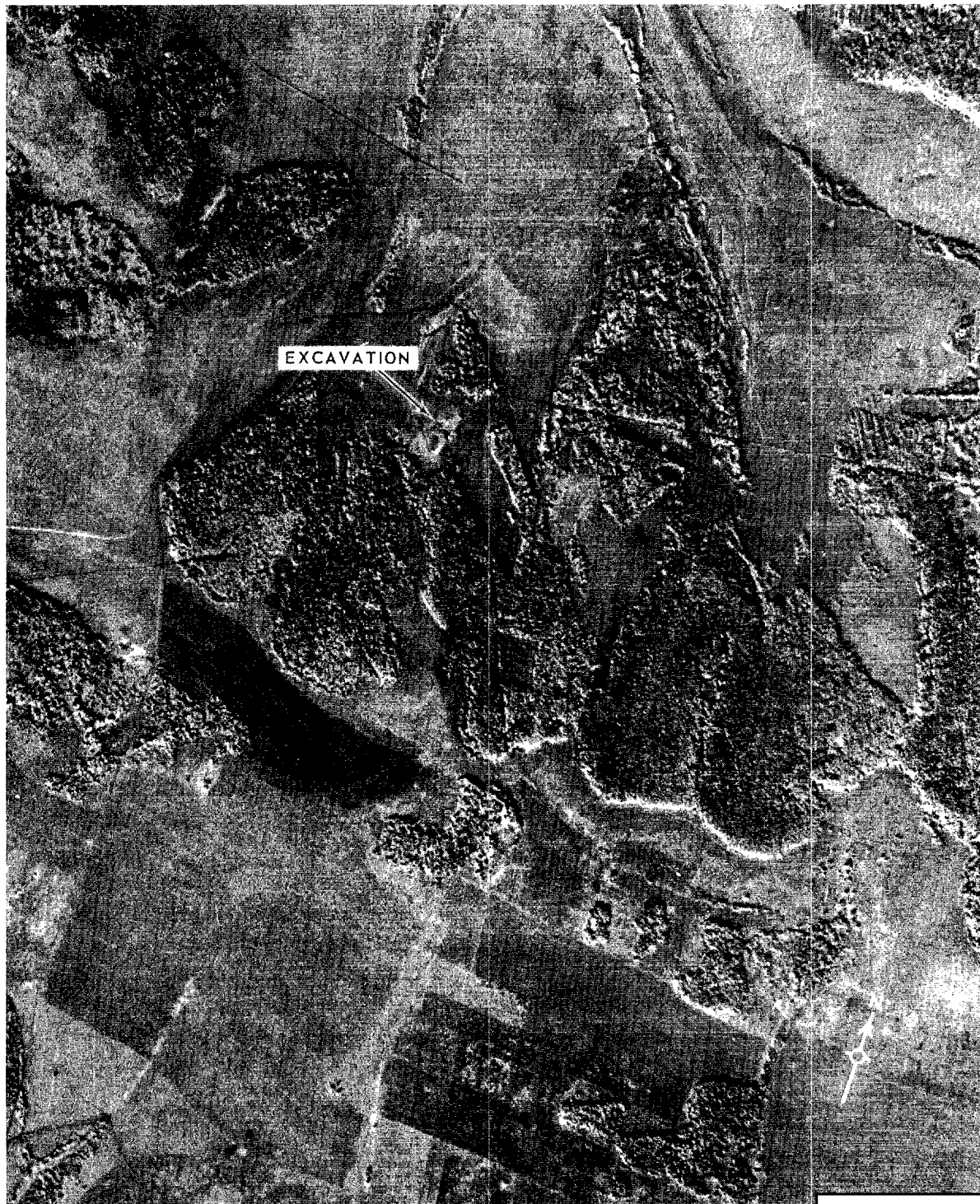
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ATTACHMENT 9

25X1  
25X1



PROBABLE LAUNCH SITE D 2, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

25X1



25X1

TOP SECRET

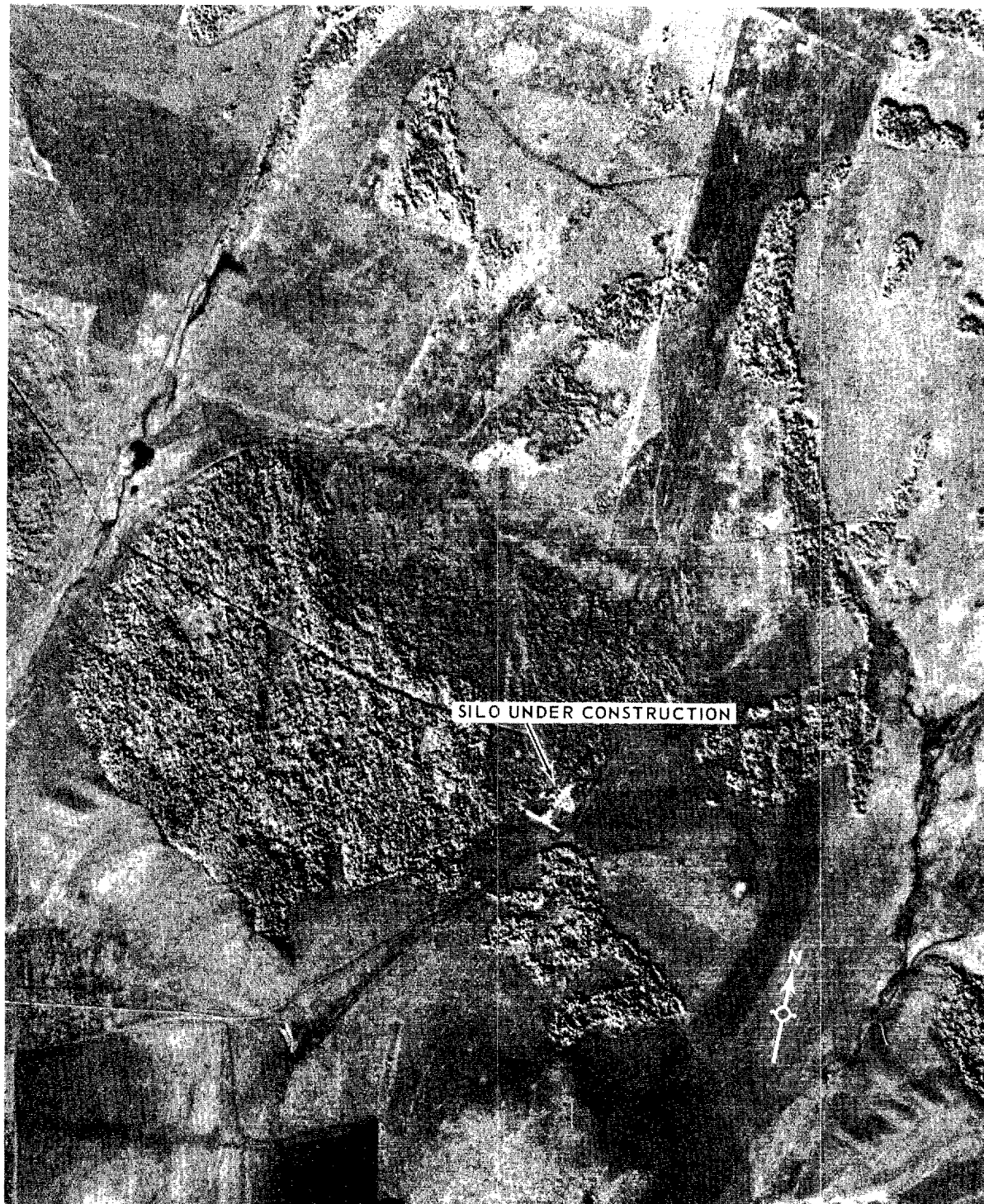
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ATTACHMENT 10

25X1  
25X1



LAUNCH SITE D 3, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET

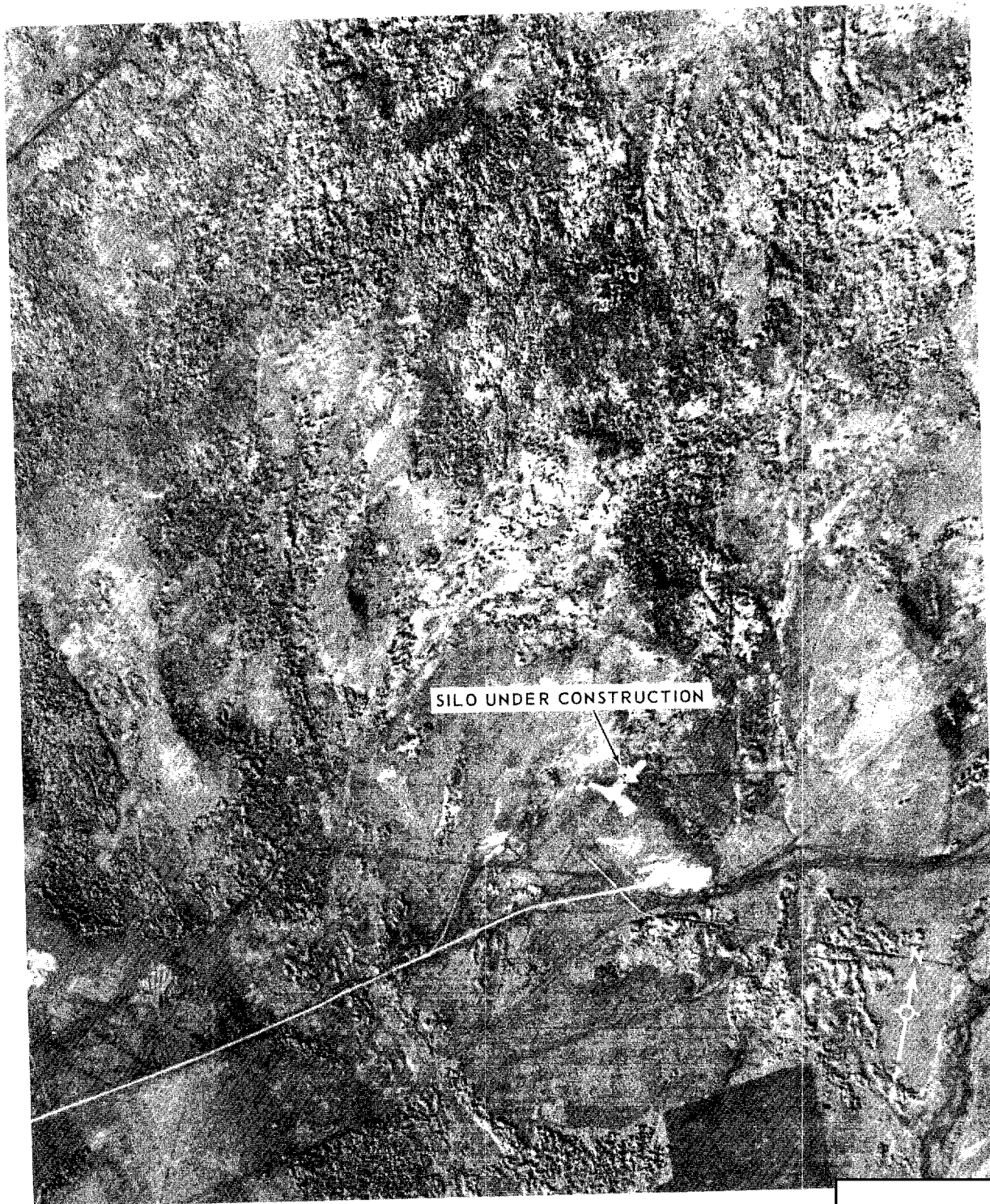
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25X1

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MISSION 1010-2, 19-23 SEPTEMBER 1964

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ATTACHMENT 11

25X1  
25X1



LAUNCH SITE D 4, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET [REDACTED]

25X1

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25X1

TOP SECRET

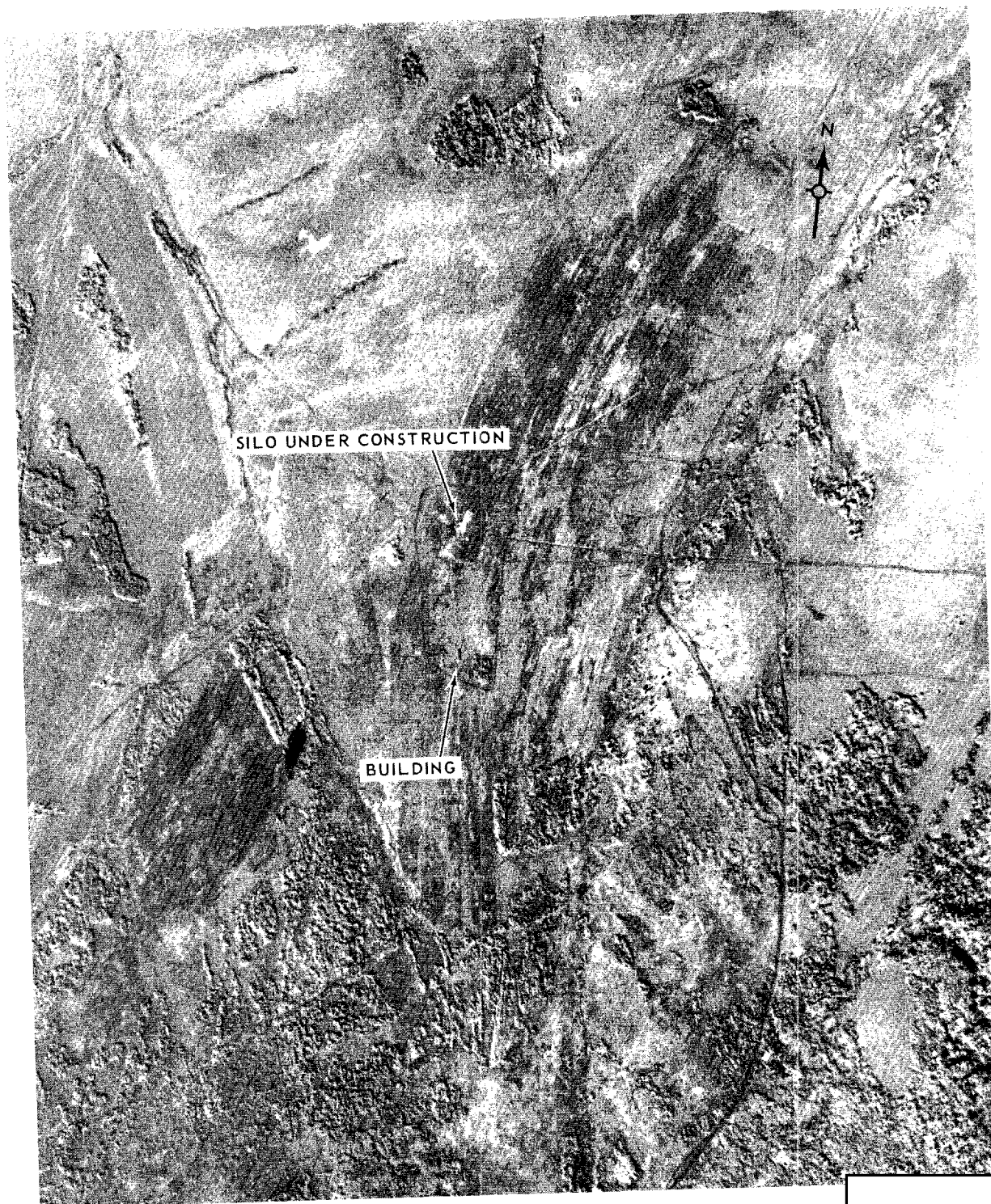
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ATTACHMENT 12

25X1  
25X1



LAUNCH SITE D 5, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

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25X1

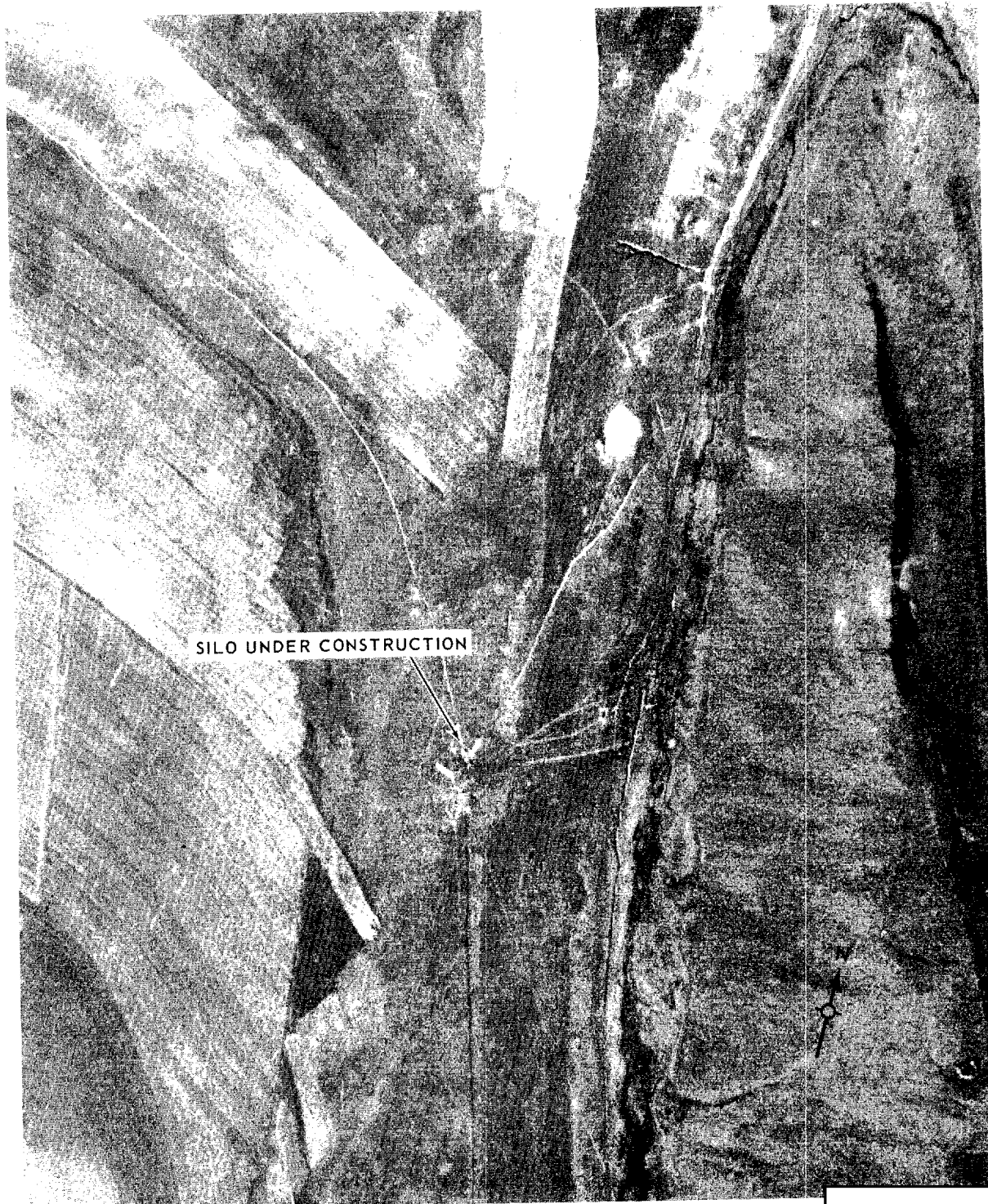
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ATTACHMENT 13

25X1  
25X1



LAUNCH SITE D 6, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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25X1

TOP SECRET

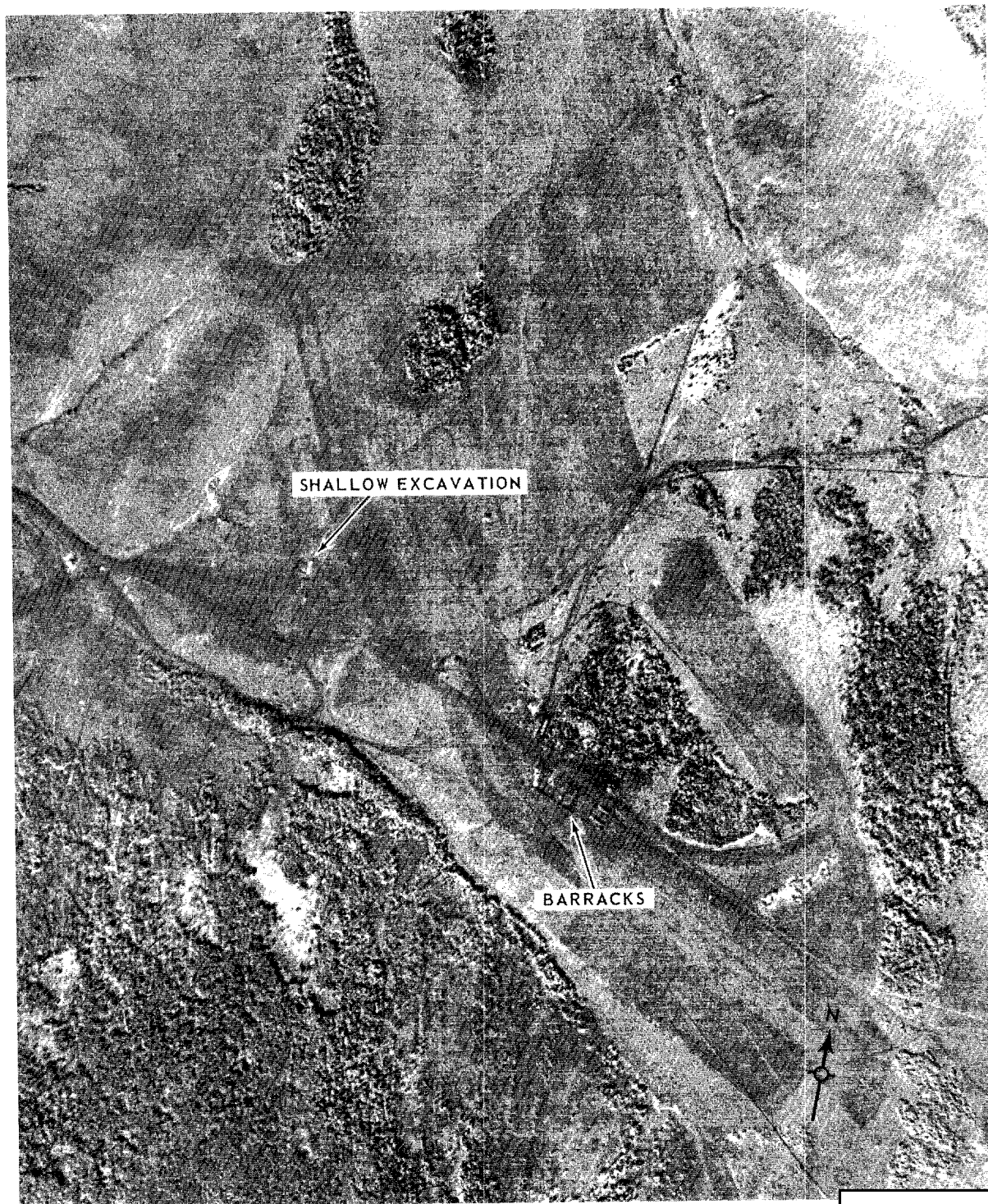
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ATTACHMENT 14

25X1  
25X1



PROBABLE SUPPORT/CONTROL FACILITY, LAUNCH GROUP D, OLOVYANNAYA ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

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25X1

TOP SECRET

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ATTACHMENT 15

25X1  
25X1



OPERATIONAL SUPPORT AREA, EMBA MISSILE ASSOCIATED INSTALLATION, USSR

25X1

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25X1

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25X1

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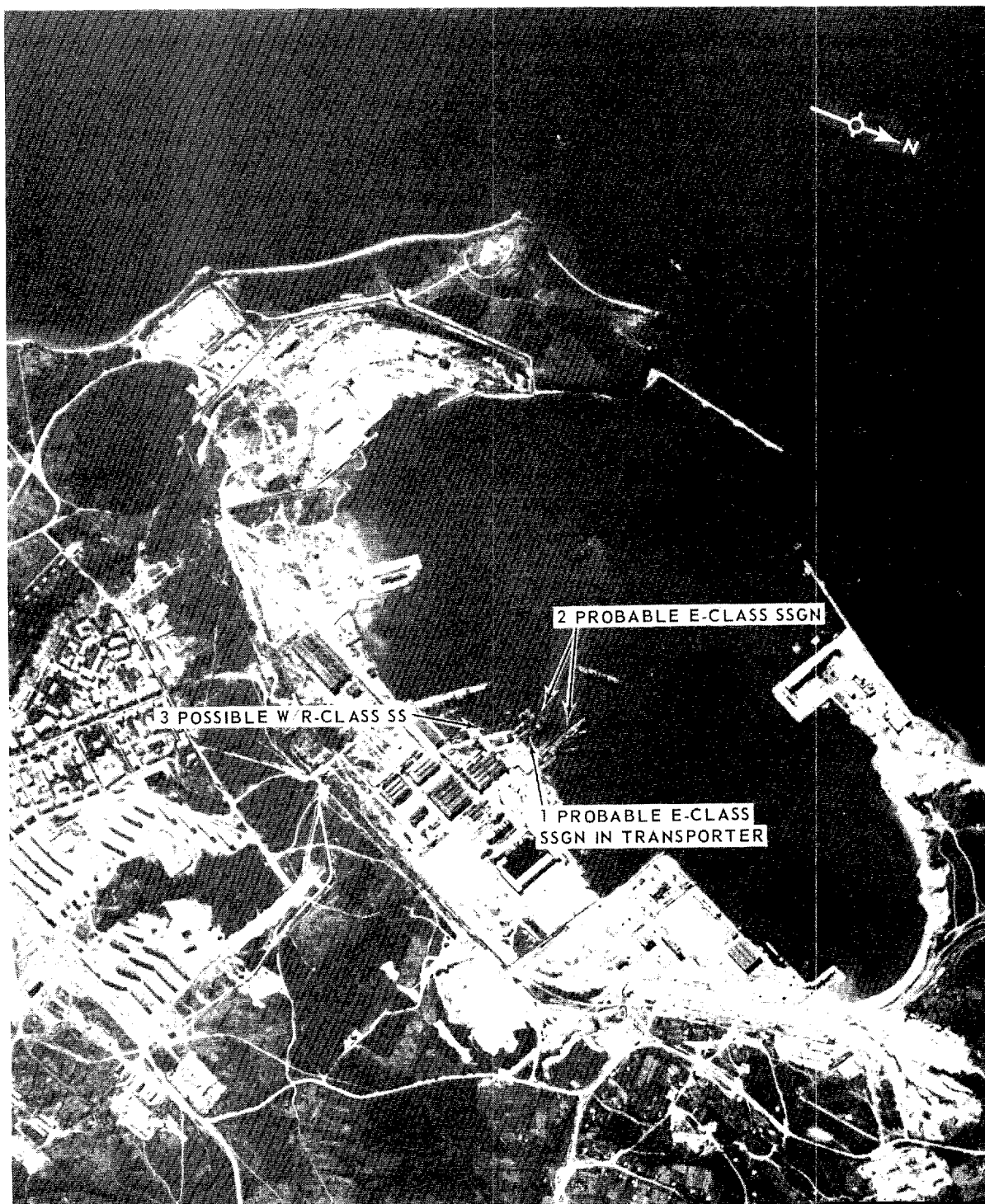
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NPIC R-874 64

ATTACHMENT 16

25X1  
25X1



PETROVKA SHIPYARD, USSR

25X1

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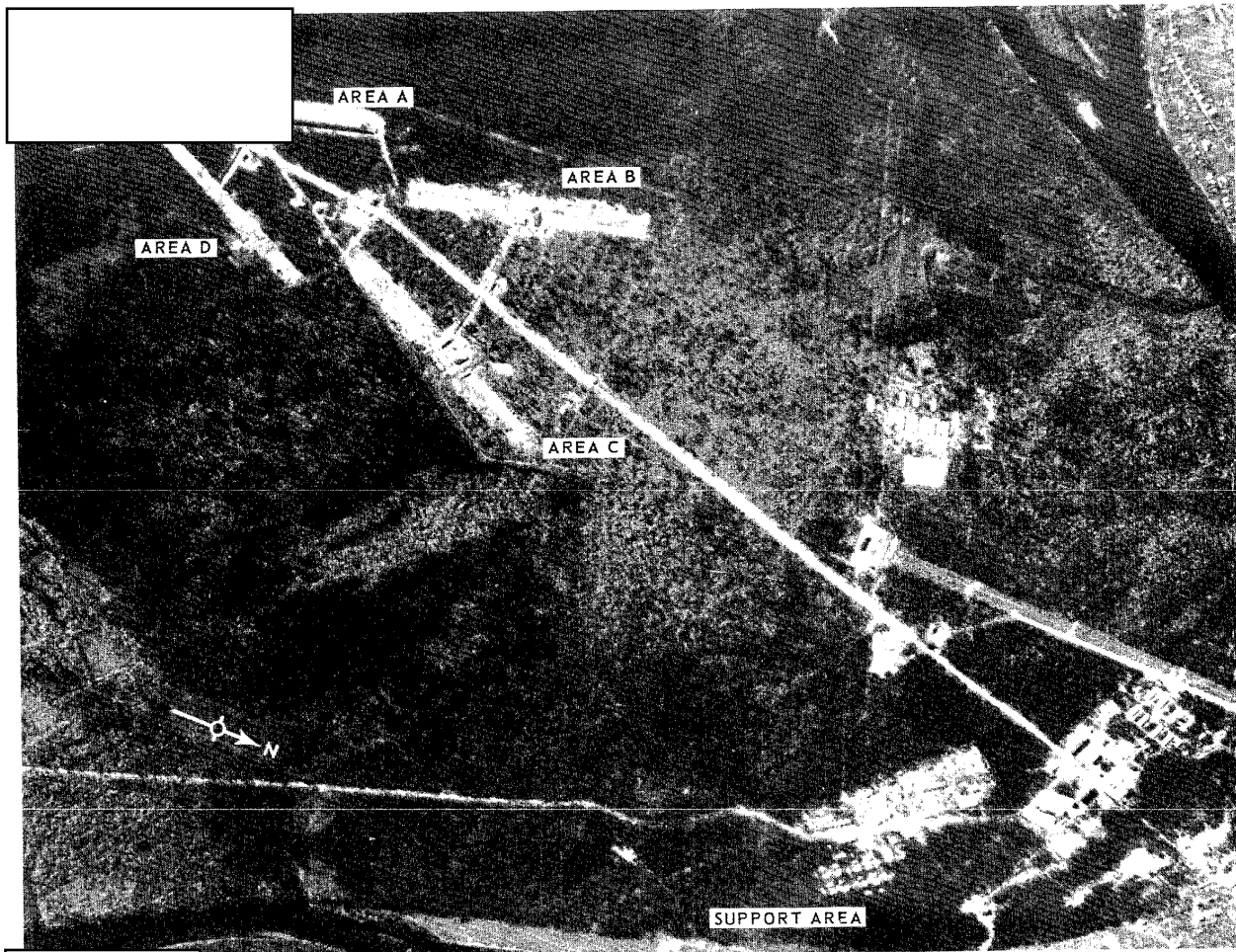
TOP SECRET

25X1

25X1

25X1

25X1D



ANGARSK SUSPECT AMM FACILITY, USSR

TOP SECRET

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25X1

ATTACHMENT 17

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25X2

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25X1

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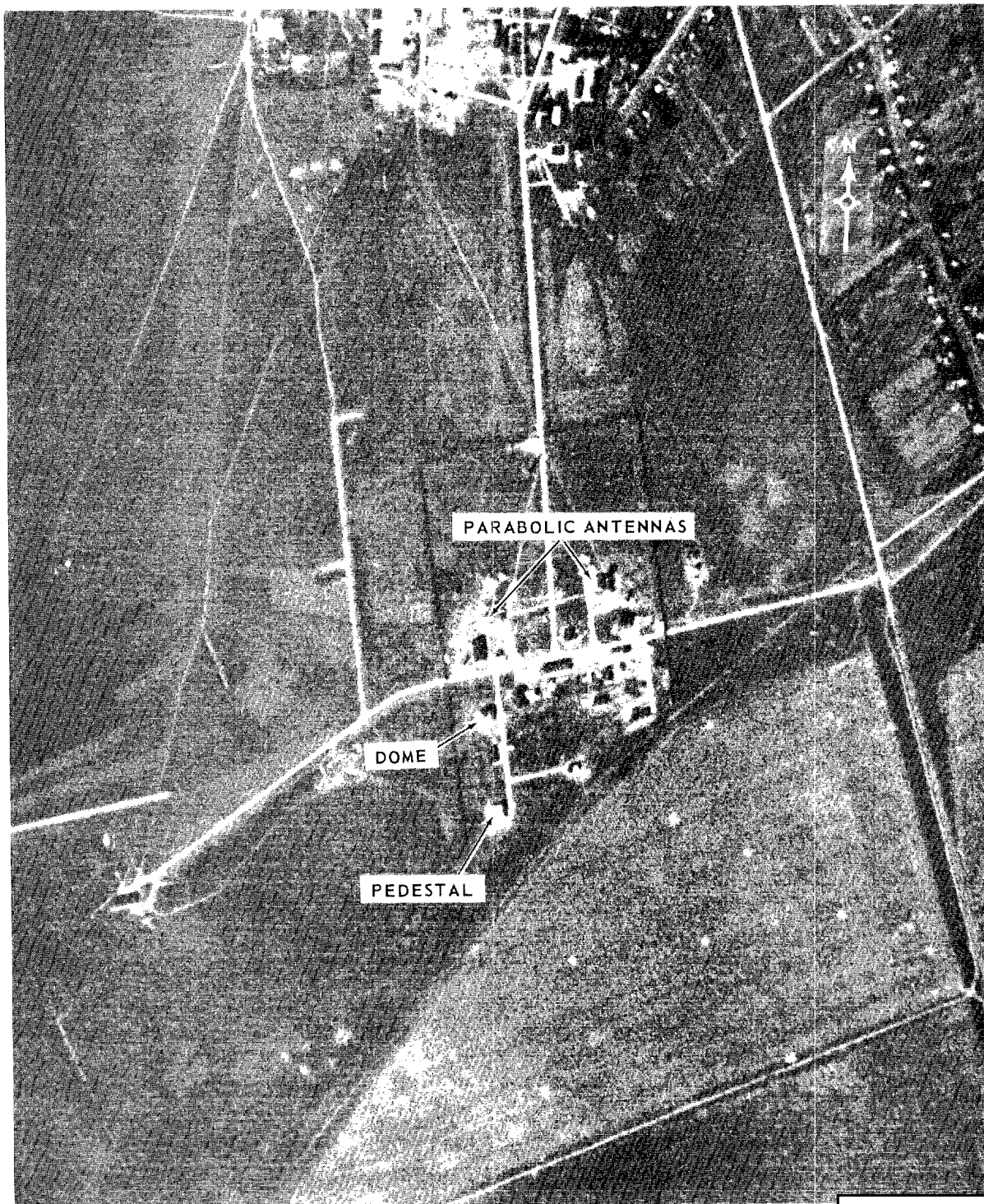
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ATTACHMENT 19

25X1  
25X1



EARTH SATELLITE TRACKING FACILITY, GALENKI, USSR

25X1

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TOP SECRET

25X1

25X1

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